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OF
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VOLUME 36

海洋調查年報

第 36 卷

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國立水產振興院

National Fisheries Research and Development Agency

Pusan, Republic of Korea

December 1988



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National Fisheries Research and Development Agency
2-16, Namhang-Dong, Yeongdo-Gu Pusan, Republic of Korea

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資 料 및 方 法

本 年報에 收錄된 資料는 1987 年 當院에서 調査한 沿岸定地海洋觀測資料, 定線海洋觀測資料, 韓日共同 海洋調査資料와 浮游生物調査資料를 다음과 같이 綜合하였다.

沿岸定地海洋觀測

1987 年 韓國近海의 42 個 沿岸定地觀測點에서 每日 1 回 (10 時) 水溫, 氣溫 및 氣象調査를 實施한 資料中에서 表面水溫과 氣溫의 每旬別 平均値를 算出하여 收錄하였다.

定線海洋觀測

1987 年 韓國近海의 定線 21 個線 (東海 : 8 個線, 南海 : 7 個線, 西海 : 6 個線) 에서 隔月로 實施한 定線海洋觀測調査資料를 電子計算機 (Qnix 8000) 로서 觀測資料의 標準化處理 및 力學計算을 實施 收錄하였다.

韓日共同海洋觀測

定線海洋觀測點과 重複되지 않는 12 個 定點에 對한 資料를 收錄하였으며 資料의 處理는 定線海洋觀測과 同一하다.

營養塩類調査

南海의 定線海洋觀測點中 隔點에서 0 m, 20 m, 50 m, 底層의 海水를 폴리에칠렌병에 採水하여 -20℃의 冷凍庫에 保管, 實驗室로 運搬한 후 ANA-7A 光電光度計로 吸光値를 測定하여 磷酸鹽-磷 ($\text{PO}_4\text{-P}$) 과 亞窒酸鹽-窒素 ($\text{NO}_2\text{-N}$) 의 濃度를 計算하였다 (Strickland and Parsons, 1972).

浮游生物調査

定線海洋觀測時 Norpac net (網目 0.33 mm)를 사용하여 海域別로 東海는 一般的으로 100 m, 西海및 南海는 底層에서 表面까지 0.5 ~ 1 m/sec의 速度로써 垂直 採集하여 約 5 %의 中性 Formalin으로 固定하였다.

採集된 浮游生物 試料는 實驗室에서 大形인 腔腸類, 甲殼類및 被囊類 등을 除去한후 容積測定法에 依한 沈澱量과 重量測定法에 依한 濕重量을 測定하였으며 Copepoda, Chaetognatha, Amphipoda, Euphausiacea 의 個體數를 計數 表示 하였다.

DATA AND METHOD

The annual report contains the data of the coastal, serial and miscellaneous oceanographic observations and plankton measurement conducted in the Korean waters in 1987, and the procedures are as follows.

COASTAL OCEANOGRAPHIC DATA

The daily observations of once a day (at 10:00 a.m.) were carried out for surface water temperature, air temperature and meteorological factors at 42 fixed stations in the Korean coastal waters.

For summarization of the data, every ten-day average values by month of surface water temperature and air temperature were tabulated.

SERIAL OCEANOGRAPHIC DATA

The serial oceanographic observations were carried out bimonthly on 21 fixed lines in the Korean waters in February, April, June, August, October and December 1987. The water temperature, salinity, dissolved oxygen and meteorological factors were measured.

The collected data were processed by micro computer (Qnix 8000).

KOREA - JAPAN COOPERATIVE OCEANOGRAPHIC DATA

The data were collected from 12 stations that were not overlapping with the serial oceanographic stations and the data was processed by the same method as serial oceanographic data.

NUTRIENTS DATA

The seawater samples that were collected at the 0 *m*, 20 *m*, 50 *m* and bottom layer in the every two sequential stations of the Southern Sea, were stored at -20 °C in the refrigerator until the analysis. And after transportation to the laboratory, seawater samples were analyzed with ANA-7A photoelectric photometer according to the Strickland and Parsons method.

PLANKTON DATA

The plankton samples were vertically collected by a Norpac net (mesh size, 0.33 *mm*) from 100 *m* in the Eastern Sea, and from the bottom in the Western Sea and Southern Sea of Korea at about 0.5 - 1.0 *m/sec*. Each sample was fixed in about 5% neutral formalin.

For the quantitative examination of the plankton in the laboratory, the settling volume and the wet weight measurements were carried out after removing the megaloplankton (such as Hydromedusae, Scyphomedusae and Dolio-lum) over 2 *cm*.

The individual numbers of Copepoda, Chaetognatha, Amphipoda and Euphausiacea in each sample were counted under a microscope and given in the tables.

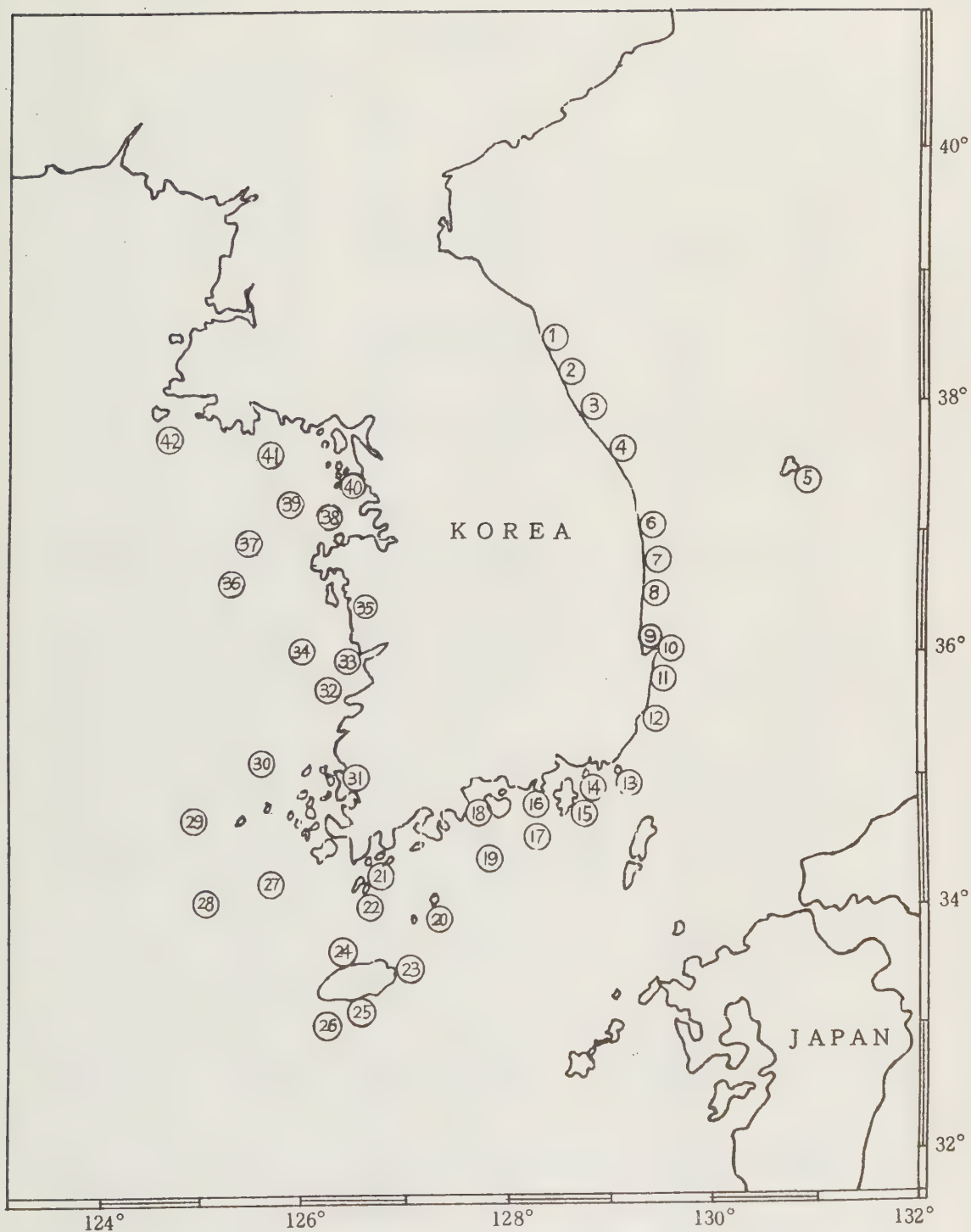
第一編

沿岸定地海洋觀測成績

PART 1

COASTAL OCEANOGRAPHIC DATA

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沿岸定地海洋觀測點位置圖
Location of the coastal stations.

沿岸定地海洋觀測點位置表
Position of the coastal stations

해역 Region	번호 No.	관측지명 Name of the Station			위치 Position		관측회수 Frequency of Observation	관측개시년월 Date of Inauguration
					북위 Lat. (N)	동경 Long. (E)		
동해안 East coast	1	거진	Kōjin		38°28'30"	128°26'00"	매일 Daily ※	1967. 4
	2	속초	Sokchō		38°12'32"	128°36'18"	매일 Daily "	1967. 4
	3	주문진	Chumunjin		37°53'15"	128°50'00"	매일 Daily "	1952. 8
	4	묵호	Muk'ō		37°32'58"	129°07'15"	매일 Daily "	1967. 6
	5	울릉도	Ullungdo		37°29'00"	130°54'35"	매일 Daily "	1931.11
	6	죽변	Chukpyōn		37°03'28"	129°26'00"	매일 Daily "	1916. 7
	7	후포	Hup'ō		36°40'42"	129°27'42"	매일 Daily "	1968. 9
	8	추산	Chuksan		36°30'29"	129°27'37"	매일 Daily "	1968. 4
	9	포항	Pohang		36°02'56"	129°26'10"	매일 Daily "	1946. 7
	10	장기	Changgi-gap		36°04'35"	129°34'30"	매일 Daily "	1916. 7
	11	감포	Kampo		35°48'20"	129°30'40"	매일 Daily "	1967. 5
	12	울진	Ulg'i		35°29'28"	129°26'50"	매일 Daily "	1939. 1
남해안 South coast	13	부산	Pusan		35°05'08"	129°02'07"	매일 Daily "	1925. 3
	14	가덕도	Kadōkto		34°59'20"	128°49'50"	매일 Daily "	1930. 1
	15	서이말	Sōimal		34°47'00"	128°44'10"	매일 Daily "	1967. 4
	16	충무	Chūngmu		34°49'55"	128°24'40"	매일 Daily "	1979. 5
	17	흑지	Yokchido		34°40'50"	128°10'35"	매일 Daily "	1969. 1
	18	여수	Yōsu		34°44'00"	127°44'00"	매일 Daily "	1921. 1
	19	소리도	Sorido		34°24'15"	127°48'15"	매일 Daily "	1928. 4
	20	거문도	Kōmundo		34°00'30"	127°19'15"	매일 Daily "	1916. 7
	21	완도	Wando		34°19'10"	126°45'00"	매일 Daily "	1967. 9
	22	자지	Chajido		34°05'20"	126°36'15"	매일 Daily "	1928. 4
	23	우도	Udo		33°29'10"	126°58'10"	매일 Daily "	1967. 4
	24	산지	Sanji		33°31'10"	126°33'00"	매일 Daily "	1923.10
	25	서귀포	Sōgwip'ō		33°13'30"	126°34'45"	매일 Daily "	1963. 1
	26	마라도	Marado		33°06'45"	126°16'20"	매일 Daily "	1923.10
서해안 West coast	27	죽도	Chukto		34°13'30"	125°51'00"	매일 Daily "	1916. 7
	28	소흑산도	Sohūksando		34°05'30"	125°06'05"	매일 Daily "	1925.10
	29	홍도	Hongdo		34°42'30"	125°13'00"	매일 Daily "	1933. 1
	30	칠발도	Ch'ilbaldo		34°47'25"	125°47'30"	매일 Daily "	1967. 5
	31	목포	Mokp'ō		34°46'40"	126°23'05"	매일 Daily "	1928. 8
	32	말도	Maldo		35°51'15"	126°19'10"	매일 Daily "	1967. 4
	33	군산	Kunsan		35°59'15"	126°43'00"	매일 Daily "	1939. 4
	34	대청	Ochōngdo		36°06'40"	125°59'15"	매일 Daily "	1916. 7
	35	대천	Daechōn		36°20'30"	126°30'30"	매일 Daily "	1939. 1
	36	경열비도	Kyōngyōlbido		36°37'15"	125°33'20"	매일 Daily "	1916. 7
	37	목덕도	Moktōkto		36°55'40"	125°45'30"	매일 Daily "	1967. 9
	38	부도	Pudo		37°08'40"	126°21'00"	매일 Daily "	1926. 1
	39	선미도	Sōnmido		37°17'10"	126°04'45"	매일 Daily "	1967. 7
	40	월미도	Wolmido		37°28'25"	126°36'30"	매일 Daily "	1967. 4
	41	*연평도	Yōnpyōngdo		37°38'55"	125°41'10"	매일 Daily "	1967. 5
	42	소청도	Sochōngdo		37°45'00"	124°44'00"	매일 Daily "	1916. 7

※ 매일 오전 10시 관측, At 10 A.M.

* 연평도: 1987년 4월 15일 폐쇄

沿岸定地月別表面水溫

Surface water temperatures at the coastal stations

(단위 : °C)

월 Month	관측점 Station			①	②	③	④	⑤	⑥	⑦
	순 Ten day			거진 Kōjin	속초 Sokchō	주문진 Chumunj in	묵호 Muk'ō	울릉도 Ull'ungdo	죽변 Chukpyŏn	후포 Hup'ō
1 월 Jan.	상	순	1st	9.18	9.26	10.85	9.83	11.28	12.70	11.58
	중	순	2nd	6.13	9.31	10.37	8.70	9.65	11.73	11.31
	하	순	3rd	4.88	7.68	8.65	8.36	9.65	10.95	9.97
	월	평	Mean	6.73	8.75	9.96	8.96	10.19	11.79	10.95
2 월 Feb.	상	순	1st	7.33	8.25	9.07	8.83	9.17	9.63	9.60
	중	순	2nd	7.40	7.93	8.61	7.61	9.18	9.52	9.78
	하	순	3rd	6.94	7.19	8.10	7.74	7.69	8.59	9.04
	월	평	Mean	7.22	7.79	8.59	8.06	8.68	9.25	9.47
3 월 Mar.	상	순	1st	7.09	7.67	7.48	7.33	7.09	8.05	7.71
	중	순	2nd	7.42	8.09	7.68	7.99	7.83	8.89	9.67
	하	순	3rd	7.37	7.81	7.33	8.09	8.11	10.64	9.63
	월	평	Mean	7.29	7.86	7.50	7.80	7.68	9.19	9.00
4 월 Apr.	상	순	1st	8.12	8.75	8.34	9.66	9.37	10.72	11.06
	중	순	2nd	10.90	11.38	11.27	11.10	11.86	11.58	11.98
	하	순	3rd	9.10	9.34	10.74	13.49	10.55	10.15	8.31
	월	평	Mean	9.37	9.82	10.12	11.42	10.59	10.82	10.45
5 월 May	상	순	1st	9.84	10.25	11.31	11.57	12.29	10.83	12.50
	중	순	2nd	6.95	9.98	9.55	11.95	14.06	9.58	11.43
	하	순	3rd	10.54	10.90	9.86	12.30	16.10	11.31	13.78
	월	평	Mean	9.11	10.38	10.24	11.94	14.15	10.57	12.57
6 월 Jun.	상	순	1st	15.40	15.48	15.43	16.88	17.27	14.17	12.38
	중	순	2nd	16.71	16.32	16.32	16.70	18.20	16.19	15.70
	하	순	3rd	19.10	19.76	20.06	19.44	20.10	18.33	18.78
	월	평	Mean	17.07	17.19	17.27	17.67	18.52	16.23	15.62
7 월 Jul.	상	순	1st	20.59	21.39	22.30	21.57	21.40	20.65	18.72
	중	순	2nd	19.22	18.42	19.43	19.24	19.94	13.10	15.53
	하	순	3rd	20.60	20.85	21.89	20.37	19.12	18.69	18.50
	월	평	Mean	20.14	20.22	21.21	20.39	20.15	17.48	17.58
8 월 Aug.	상	순	1st	19.44	19.15	20.28	20.83	20.21	19.09	19.24
	중	순	2nd	21.15	20.88	20.34	20.24	21.96	19.83	18.63
	하	순	3rd	19.89	19.51	20.06	19.91	22.49	18.85	18.32
	월	평	Mean	20.16	19.85	20.23	20.30	21.55	19.26	18.73

월 Month	관측점 Station			⑧	⑨	⑩	⑪	⑫	⑬	⑭
	순 Ten	날 day		축 산 Ch'uksan	포 항 P'ohang	장기갑 Changgigap	감 포 Kamp'o	울 기 Ulgi	부 산 Pusan	가덕도 Kadōkdo
1 월 Jan.	상	순	1st	12.92	10.83	11.01	13.27	14.33	12.17	11.84
	중	순	2nd	11.41	8.43	10.45	12.45	12.88	10.78	11.25
	하	순	3rd	10.35	9.23	10.26	11.44	12.29	10.67	10.94
	월	평	Mean	11.56	9.50	10.57	12.39	13.17	11.21	11.34
2 월 Feb.	상	순	1st	10.25	8.81	10.50	11.22	12.13	10.38	10.52
	중	순	2nd	10.28	9.72	10.61	11.28	12.27	11.64	11.70
	하	순	3rd	10.24	8.50	10.19	10.58	12.25	11.23	11.35
	월	평	Mean	10.26	9.01	10.43	11.03	12.22	11.08	11.19
3 월 Mar.	상	순	1st	10.21	8.44	10.40	10.61	12.13	10.79	10.46
	중	순	2nd	10.90	10.18	10.41	11.26	12.13	11.70	10.84
	하	순	3rd	11.48	9.97	9.94	12.07	12.49	12.49	11.48
	월	평	Mean	10.86	9.53	10.25	11.31	12.25	11.66	10.93
4 월 Apr.	상	순	1st	11.03	11.56	11.24	12.16	12.57	12.83	12.45
	중	순	2nd	12.07	12.45	12.57	12.99	12.78	13.39	13.22
	하	순	3rd	10.13	12.24	12.23	12.26	13.23	13.53	13.48
	월	평	Mean	11.08	12.08	12.01	12.47	12.86	13.25	13.05
5 월 May	상	순	1st	11.42	12.72	12.75	14.06	13.71	14.46	14.71
	중	순	2nd	11.81	12.64	13.36	13.75	13.72	14.64	16.45
	하	순	3rd	10.97	13.02	13.78	15.08	14.83	15.51	15.64
	월	평	Mean	11.40	12.79	13.30	14.30	14.09	14.87	15.60
6 월 Jun.	상	순	1st	13.58	13.12	15.26	15.20	15.31	16.85	15.87
	중	순	2nd	15.48	17.20	16.39	17.69	16.88	17.19	16.58
	하	순	3rd	18.98	19.87	18.60	20.07	19.22	19.36	17.94
	월	평	Mean	16.01	16.73	16.75	17.65	17.14	17.80	16.80
7 월 Jul.	상	순	1st	20.82	20.09	20.90	18.47	17.86	19.86	19.52
	중	순	2nd	14.06	15.45	17.03	13.07	15.88	18.52	20.33
	하	순	3rd	18.61	16.65	18.33	14.48	15.12	20.80	21.66
	월	평	Mean	17.83	17.40	18.75	15.34	16.29	19.73	20.50
8 월 Aug.	상	순	1st	19.74	19.94	19.66	16.82	18.04	21.53	22.53
	중	순	2nd	20.37	19.96	21.39	19.00	17.09	20.74	23.15
	하	순	3rd	18.49	19.81	20.40	18.55	19.56	21.17	23.67
	월	평	Mean	19.53	19.90	20.48	18.12	18.23	21.15	23.12
9 월 Sep.	상	순	1st	18.85	19.15	18.80	20.09	20.41	20.36	22.46
	중	순	2nd	21.14	20.45	21.03	21.80	21.40	21.66	21.53
	하	순	3rd	21.16	20.70	21.65	21.76	21.18	21.61	20.40
	월	평	Mean	20.38	20.10	20.49	21.22	21.00	21.21	21.46
10 월 Oct.	상	순	1st	20.34	20.10	20.77	20.97	20.45	20.93	20.26
	중	순	2nd	19.05	18.88	20.05	20.09	20.62	20.20	20.05
	하	순	3rd	18.55	16.75	16.87	18.55	19.49	18.56	19.16
	월	평	Mean	19.31	18.58	19.23	19.87	20.19	19.90	19.82
11 월 Nov.	상	순	1st	16.17	14.99	14.89	17.96	17.97	16.95	18.09
	중	순	2nd	15.49	13.86	15.08	16.49	16.56	16.01	15.42
	하	순	3rd	14.04	13.12	13.88	15.57	15.38	14.85	13.96
	월	평	Mean	15.23	13.99	14.62	16.67	16.64	15.94	15.82
12 월 Dec.	상	순	1st	14.31	10.68	11.64	13.75	14.29	12.36	12.47
	중	순	2nd	13.23	10.18	11.78	13.64	13.80	12.14	13.00
	하	순	3rd	12.15	10.36	12.27	13.50	13.88	12.59	12.05
	월	평	Mean	13.23	10.41	11.90	13.63	13.99	12.36	12.51
년 Year	년	평	Mean	14.72	14.17	14.90	15.33	15.67	15.85	16.01

월 Month	관측점 Station			⑮	⑯	⑰	⑱	⑲	⑳	㉑
	순 Ten day			서 이 말 Söimal	총 무 Ch'ungmu	육 지 도 Yokchido	여 수 Yösu	소 리 도 Sorido	거 문 도 Kömundo	완 도 Wando
1 월 Jan.	상	순	1st	13.13	8.56	12.28	8.36	11.73	13.56	9.53
	중	순	2nd	12.63	7.30	12.30	7.09	11.44	12.98	8.33
	하	순	3rd	12.67	6.75	12.31	6.20	10.76	12.83	7.59
	월	평	Mean	12.81	7.54	12.30	7.22	11.31	13.12	8.48
2 월 Feb.	상	순	1st	12.20	7.15	12.40	5.73	8.99	12.99	7.15
	중	순	2nd	12.99	8.63	12.44	7.35	9.18	13.61	7.95
	하	순	3rd	12.16	8.85	11.96	7.58	10.24	13.47	8.45
	월	평	Mean	12.45	8.21	12.27	6.89	9.47	13.36	7.85
3 월 Mar.	상	순	1st	11.63	8.42	11.80	7.17	9.26	12.36	7.94
	중	순	2nd	11.84	9.85	11.82	8.16	9.57	13.42	8.64
	하	순	3rd	12.29	10.07	11.85	9.10	10.65	12.98	10.25
	월	평	Mean	11.92	9.45	11.82	8.14	9.83	12.92	8.94
4 월 Apr.	상	순	1st	12.74	12.14	12.15	10.22	11.28	12.97	11.03
	중	순	2nd	13.18	13.51	12.45	11.61	11.83	12.80	11.62
	하	순	3rd	13.76	14.51	12.53	13.69	12.37	13.00	13.29
	월	평	Mean	13.23	13.39	12.38	11.84	11.83	12.92	11.98
5 월 May	상	순	1st	13.88	15.50	12.87	14.44	12.88	13.32	14.28
	중	순	2nd	14.55	16.62	13.30	15.71	14.04	13.63	15.06
	하	순	3rd	15.32	17.24	13.72	17.14	15.47	14.40	16.15
	월	평	Mean	14.58	16.45	13.30	15.76	14.13	13.78	15.16
6 월 Jun.	상	순	1st	15.95	17.96	13.85	19.09	16.93	15.03	17.20
	중	순	2nd	17.68	18.91	14.32	19.22	17.76	16.95	17.72
	하	순	3rd	19.65	19.99	14.53	20.55	18.77	18.70	18.61
	월	평	Mean	17.76	18.95	14.23	19.62	17.82	16.89	17.84
7 월 Jul.	상	순	1st	19.12	21.43	15.11	22.07	20.09	20.12	19.67
	중	순	2nd	17.87	21.19	16.37	22.04	20.12	19.86	20.28
	하	순	3rd	17.75	22.17	17.26	22.90	20.61	20.00	20.75
	월	평	Mean	18.25	21.59	16.25	22.34	20.27	19.99	20.23
8 월 Aug.	상	순	1st	19.56	22.18	18.62	22.46	21.66	21.77	20.97
	중	순	2nd	19.68	21.70	19.35	22.62	22.12	22.10	20.32
	하	순	3rd	22.16	22.01	20.20	22.29	22.39	24.85	21.14
	월	평	Mean	20.47	21.96	19.39	22.46	22.06	21.87	20.81
9 월 Sep.	상	순	1st	21.40	21.73	20.37	21.57	21.84	21.83	21.61
	중	순	2nd	22.89	20.97	20.27	21.49	22.17	22.98	21.31
	하	순	3rd	21.74	21.40	20.06	21.57	22.61	22.69	21.32
	월	평	Mean	22.01	21.37	20.23	21.54	22.21	22.50	21.41
10 월 Oct.	상	순	1st	20.65	20.66	19.24	21.40	21.10	20.58	20.60
	중	순	2nd	20.47	19.80	18.35	21.04	19.97	20.18	19.58
	하	순	3rd	18.31	17.90	17.69	18.63	18.85	18.60	17.29
	월	평	Mean	19.81	19.45	18.43	20.36	19.97	19.79	19.16
11 월 Nov.	상	순	1st	17.04	17.35	16.94	17.19	17.70	16.36	15.90
	중	순	2nd	16.58	15.66	16.04	15.83	16.58	15.27	14.98
	하	순	3rd	15.82	14.32	15.50	14.59	15.65	15.94	14.21
	월	평	Mean	16.48	15.78	16.16	15.87	16.64	15.86	15.03
12 월 Dec.	상	순	1st	14.47	10.73	—	11.22	14.98	14.38	11.63
	중	순	2nd	14.13	9.57	—	9.06	14.62	13.80	9.99
	하	순	3rd	13.57	9.61	—	8.97	13.66	13.45	10.17
	월	평	Mean	14.06	9.97	—	9.75	14.42	13.88	10.60
년 Year	년평균 Mean			16.15	15.34	(15.16)	15.15	15.83	16.41	14.79

월 Month	관측점 Station			㉔ 자치도 Chajido	㉓ 우도 Udo	㉔ 산지 Sanji	㉕ 서귀포 Sŏgwip'o	㉖ 마라도 Marado	㉗ 죽도 Chukdo	㉘ 소록산도 Sŏlroksando
	순 Ten	날 day								
1 월 Jan.	상 월	중 평	하 균 Mean	10.74 9.42 9.06 9.74	15.60 14.65 14.38 14.88	14.90 13.93 13.38 14.07	15.75 14.72 14.02 14.83	17.37 17.03 16.61 17.00	11.13 11.51 9.69 10.78	13.39 12.08 10.93 12.13
2 월 Feb.	상 월	중 평	하 균 Mean	8.70 9.38 9.19 9.09	14.32 14.56 14.78 14.55	13.53 13.78 13.93 13.75	14.08 14.51 13.95 14.18	16.07 16.40 16.33 16.27	9.78 9.88 9.26 9.64	10.68 10.96 11.00 10.88
3 월 Mar.	상 월	중 평	하 균 Mean	9.17 9.63 10.56 9.79	14.63 14.70 14.82 14.72	13.37 13.45 13.33 13.38	13.73 13.78 16.15 14.55	15.77 15.51 15.41 15.57	9.54 9.50 9.86 9.63	10.86 10.52 10.68 10.69
4 월 Apr.	상 월	중 평	하 균 Mean	10.95 11.73 12.66 11.78	14.94 15.05 15.22 15.07	13.56 14.14 14.73 14.14	14.97 15.59 16.27 15.61	15.19 15.41 15.53 15.38	10.46 10.54 11.08 10.69	10.74 10.50 11.16 10.80
5 월 May	상 월	중 평	하 균 Mean	13.60 13.93 13.99 13.84	15.31 15.59 16.26 15.72	15.41 16.14 16.38 15.98	16.39 16.45 17.55 16.80	15.59 15.84 16.20 15.88	11.72 11.88 13.03 12.21	11.87 12.03 12.45 12.12
6 월 Jun.	상 월	중 평	하 균 Mean	15.16 15.32 15.72 15.40	16.82 17.73 18.32 17.62	16.82 17.18 17.68 17.23	18.67 19.58 20.62 19.62	17.47 19.18 21.03 19.23	13.68 14.27 16.21 14.72	15.90 17.02 19.75 17.56
7 월 Jul.	상 월	중 평	하 균 Mean	16.73 17.71 17.49 17.31	21.38 22.60 21.94 21.97	20.31 21.46 22.83 21.53	21.36 21.67 21.61 21.55	21.24 21.60 21.90 21.58	17.51 17.00 17.45 17.32	21.40 22.49 21.46 21.78
8 월 Aug.	상 월	중 평	하 균 Mean	18.62 19.74 20.76 19.71	22.80 21.65 22.69 22.38	24.72 24.80 25.37 24.96	22.02 22.46 23.97 22.82	22.40 23.59 23.99 23.32	17.82 18.92 19.44 18.73	20.45 22.71 24.42 22.53
9 월 Sep.	상 월	중 평	하 균 Mean	19.85 19.47 18.89 19.40	24.52 24.21 22.98 23.90	25.97 24.95 23.51 24.81	24.23 24.34 23.27 23.95	23.98 23.67 23.33 23.66	19.20 20.94 20.33 20.16	20.10 20.98 21.63 20.90
10 월 Oct.	상 월	중 평	하 균 Mean	17.24 18.23 17.33 17.60	23.32 21.52 19.80 21.55	23.37 21.83 20.12 21.77	22.72 22.64 21.97 22.44	23.06 22.86 21.89 22.60	17.99 18.75 16.38 17.71	20.19 19.43 18.73 19.45
11 월 Nov.	상 월	중 평	하 균 Mean	15.69 15.06 14.62 15.12	18.57 17.12 16.80 17.50	19.06 18.09 17.71 18.29	19.99 19.18 18.03 19.07	19.50 19.25 18.86 19.21	13.98 15.45 14.60 14.68	16.60 17.42 16.11 16.71
12 월 Dec.	상 월	중 평	하 균 Mean	12.93 11.75 10.55 11.74	16.33 15.61 15.20 15.71	15.90 15.73 15.69 15.77	17.46 17.16 16.97 17.20	18.36 18.39 17.84 18.20	13.75 12.47 11.46 12.56	11.57 13.51 12.94 12.67
년 Year	년	평	균 Mean	14.21	17.96	17.97	18.55	18.99	14.07	15.69

월 Month	관측점 Station			㉨ 홍 도 Hongdo	㉩ 칠발도 Chilbaldo	㉪ 목 포 Mokp'o	㉫ 말 도 Maldo	㉬ 군 산 Kunsan	㉭ 어청도 Ōch'ŏngdo	㉮ 대 천 Daech'ŏn
	순 Ten	날 day								
1 월 Jan.	상 월	순 1st	9.93	7.28	7.06	6.60	3.45	7.75	5.46	
	중 월	순 2nd	9.09	6.29	5.52	4.70	1.46	6.67	3.55	
	하 월	순 3rd	7.75	4.99	4.12	4.33	1.70	5.38	3.35	
	월	평 Mean	8.92	6.19	5.57	5.21	2.20	6.60	4.12	
2 월 Feb.	상 월	순 1st	7.62	6.09	3.78	3.60	1.94	4.85	3.18	
	중 월	순 2nd	8.64	4.28	5.03	4.17	4.97	5.12	3.92	
	하 월	순 3rd	7.84	4.50	4.75	3.75	4.18	5.03	2.98	
	월	평 Mean	8.03	4.96	4.52	3.84	3.70	5.00	3.36	
3 월 Mar.	상 월	순 1st	7.06	4.84	4.77	3.60	3.84	4.82	3.37	
	중 월	순 2nd	6.92	5.23	5.86	3.88	6.66	5.05	4.56	
	하 월	순 3rd	7.53	5.66	6.47	4.92	7.60	4.95	5.30	
	월	평 Mean	7.17	5.24	5.70	4.13	6.03	4.94	4.41	
4 월 Apr.	상 월	순 1st	8.10	6.53	8.23	5.62	9.02	5.44	6.33	
	중 월	순 2nd	7.83	7.33	9.69	6.94	11.26	5.78	7.55	
	하 월	순 3rd	8.58	8.71	11.28	7.51	13.62	6.87	9.26	
	월	평 Mean	8.17	7.52	9.73	6.69	11.21	6.03	7.71	
5 월 May	상 월	순 1st	9.33	9.45	12.77	7.92	15.02	8.49	10.89	
	중 월	순 2nd	11.19	10.08	14.78	10.41	17.10	10.30	12.35	
	하 월	순 3rd	12.36	11.80	16.98	12.10	19.82	12.43	14.08	
	월	평 Mean	10.96	10.50	14.84	10.14	17.31	10.41	12.44	
6 월 Jun.	상 월	순 1st	13.60	13.30	19.14	13.25	21.55	12.75	16.89	
	중 월	순 2nd	14.52	13.93	20.16	15.93	21.80	14.81	18.59	
	하 월	순 3rd	14.85	14.97	21.30	16.96	24.19	16.12	19.59	
	월	평 Mean	14.32	14.07	20.20	15.38	22.51	14.56	18.36	
7 월 Jul.	상 월	순 1st	18.39	16.24	22.10	17.65	25.11	16.98	20.84	
	중 월	순 2nd	16.98	17.06	22.65	18.27	24.28	18.37	21.17	
	하 월	순 3rd	20.57	17.97	23.16	19.63	23.24	19.09	22.63	
	월	평 Mean	18.65	17.09	22.70	18.52	24.21	18.12	21.55	
8 월 Aug.	상 월	순 1st	21.75	19.42	24.40	21.65	24.33	19.98	23.27	
	중 월	순 2nd	20.92	19.43	25.11	23.16	25.44	21.36	23.87	
	하 월	순 3rd	21.94	19.77	25.24	24.36	24.17	22.51	25.21	
	월	평 Mean	21.54	19.54	24.92	23.06	24.68	21.28	24.12	
9 월 Sep.	상 월	순 1st	19.95	20.31	23.55	23.26	22.59	22.45	23.91	
	중 월	순 2nd	18.83	19.78	22.03	21.44	22.31	21.78	22.42	
	하 월	순 3rd	20.54	19.67	21.26	20.71	21.37	20.51	20.76	
	월	평 Mean	19.77	19.92	22.28	21.80	22.09	21.58	22.36	
10 월 Oct.	상 월	순 1st	19.76	18.08	20.77	19.71	19.94	19.20	19.92	
	중 월	순 2nd	19.45	17.69	19.90	19.41	19.70	18.64	18.79	
	하 월	순 3rd	17.30	16.50	18.05	16.81	15.19	17.61	16.45	
	월	평 Mean	18.84	17.42	19.57	18.64	18.28	18.48	18.39	
11 월 Nov.	상 월	순 1st	16.17	15.34	16.66	15.73	13.47	15.91	14.92	
	중 월	순 2nd	15.96	14.04	14.59	14.82	12.21	15.13	13.75	
	하 월	순 3rd	14.47	12.66	13.44	10.70	10.16	14.15	11.73	
	월	평 Mean	15.68	14.01	14.90	13.75	11.95	15.06	13.47	
12 월 Dec.	상 월	순 1st	13.09	10.63	10.96	11.51	4.97	11.48	7.83	
	중 월	순 2nd	11.96	8.64	8.96	8.41	4.43	10.39	7.86	
	하 월	순 3rd	11.47	8.35	8.41	7.77	4.86	9.22	7.44	
	월	평 Mean	12.17	9.21	9.44	9.23	4.75	10.36	7.71	
년 Year	년	평 Mean	13.69	12.14	14.53	12.53	14.08	12.70	13.17	

월	관측점 Station			㉔	㉕	㉖	㉗	㉘	㉙	㉚
Month	순 Ten day			격렬비도 Kyŏngyŏlbido	목덕도 Moktŏkto	부도 Pudo	선미도 Sŏnmido	월미도 Wolmido	연평도 Yŏnp'yŏngdo	소청도 Soch'ŏngdo
1 월	상순 1st			7.55	5.68	6.36	6.16	4.36	3.59	6.09
	중순 2nd			6.10	4.72	4.70	5.41	2.74	2.46	5.12
	하순 3rd			5.13	3.81	3.61	4.49	1.95	1.80	4.50
Jan.	월 평균 Mean			6.26	4.74	4.89	5.35	3.02	2.62	5.24
2 월	상순 1st			4.13	3.32	2.84	3.16	1.66	1.25	4.32
	중순 2nd			4.06	2.91	2.58	2.92	2.51	1.18	3.65
	하순 3rd			3.80	2.40	2.71	3.15	2.93	1.45	3.28
Feb.	월 평균 Mean			4.00	2.88	2.71	3.08	2.38	1.29	3.75
3 월	상순 1st			3.19	2.39	2.58	3.37	4.14	2.29	3.45
	중순 2nd			3.16	2.34	3.09	3.66	7.15	3.58	3.66
	하순 3rd			3.57	3.31	3.62	3.88	8.95	4.89	3.97
Mar.	월 평균 Mean			3.31	2.68	3.10	3.64	6.75	3.59	3.69
4 월	상순 1st			4.26	4.42	4.60	4.86	5.96		4.44
	중순 2nd			4.98	5.40	5.69	6.56	7.51		4.71
	하순 3rd			6.29	6.64	7.17	7.59	9.14		5.74
Apr.	월 평균 Mean			5.18	5.49	5.82	6.34	7.54		4.97
5 월	상순 1st			7.08	8.05	8.25	8.35	11.15		7.01
	중순 2nd			8.26	9.44	9.46	9.23	12.95		8.01
	하순 3rd			10.65	10.67	11.41	10.74	14.47		9.37
May	월 평균 Mean			8.66	9.39	9.71	9.48	12.86		8.13
6 월	상순 1st			12.41	11.87	12.99	12.36	15.62		10.82
	중순 2nd			15.82	13.25	14.09	14.23	17.21		12.15
	하순 3rd			16.47	14.36	16.05	16.11	20.49		13.67
Jun.	월 평균 Mean			14.90	13.16	14.38	14.23	17.77		12.21
7 월	상순 1st			16.97	15.22	17.39	16.74	21.60		14.38
	중순 2nd			17.83	16.81	19.63	18.19	21.40		14.96
	하순 3rd			19.54	18.06	20.65	19.55	22.23		16.80
Jul.	월 평균 Mean			18.11	16.69	19.22	18.16	21.74		15.38
8 월	상순 1st			21.30	18.83	20.18	20.86	23.18		19.67
	중순 2nd			23.96	19.77	20.91	21.98	23.63		21.84
	하순 3rd			23.87	21.69	21.91	22.61	24.45		21.70
Aug.	월 평균 Mean			23.04	20.10	21.00	21.82	23.75		21.07
9 월	상순 1st			23.79	21.28	22.41	22.72	23.50		21.19
	중순 2nd			23.13	21.13	22.21	23.05	22.90		20.15
	하순 3rd			20.08	19.56	21.17	21.71	21.13		18.98
Sep.	월 평균 Mean			22.33	20.66	21.93	22.49	22.51		20.11
10 월	상순 1st			19.55	18.35	20.53	20.09	20.17		18.13
	중순 2nd			18.38	17.68	19.73	19.21	19.60		17.63
	하순 3rd			17.16	16.23	17.65	17.49	16.79		15.07
Oct.	월 평균 Mean			18.36	17.38	19.30	18.93	18.85		16.94
11 월	상순 1st			15.59	15.19	16.20	15.84	14.79		12.36
	중순 2nd			14.59	14.80	15.31	14.85	13.48		11.62
	하순 3rd			14.03	13.17	13.48	13.29	11.94		10.11
Nov.	월 평균 Mean			14.74	14.38	15.00	14.66	13.40		11.36
12 월	상순 1st			11.23	10.47	9.99	10.11	8.02		8.45
	중순 2nd			9.95	8.65	8.66	8.34	5.73		7.67
	하순 3rd			9.45	7.69	7.85	7.29	6.29		7.50
Dec.	월 평균 Mean			10.21	8.94	8.83	8.58	6.68		7.87
년 Year	년평균 Mean			12.43	11.37	12.16	12.23	13.10	—	10.89

沿岸定地月別氣溫
Air temperatures at the coastal stations (단위: °C)

월 Month	관측점 Station		①	②	③	④	⑤	⑥	⑦
	순 Ten day		거 진 Kōjin	속 초 Sokch'o	주문진 Chumunjin	묵 호 Muk'ho	울릉도 Ullungdo	죽 변 Chukpyōn	후 포 Hup'o
1 월 Jan.	상	순 1st	0.46	0.47	3.13	0.79	4.92	3.61	5.60
	중	순 2nd	-1.27	-0.79	-0.12	-0.05	3.78	1.57	1.83
	하	순 3rd	-0.20	1.29	3.90	0.81	4.87	3.47	3.17
	월	평 Mean	-0.34	0.32	2.30	0.52	4.52	2.88	3.53
2 월 Feb.	상	순 1st	2.34	3.17	6.41	2.92	8.86	6.32	6.97
	중	순 2nd	1.85	1.18	3.44	2.77	4.29	4.90	6.98
	하	순 3rd	0.51	-0.24	1.76	3.61	3.98	2.30	2.47
	월	평 Mean	1.57	1.37	3.87	3.10	5.71	4.51	5.47
3 월 Mar.	상	순 1st	3.77	3.56	3.89	3.95	5.32	6.25	8.65
	중	순 2nd	5.79	5.13	4.33	6.55	8.20	9.12	9.86
	하	순 3rd	6.12	5.15	8.19	5.56	8.14	7.88	7.65
	월	평 Mean	5.23	4.61	5.47	5.35	7.22	7.75	8.72
4 월 Apr.	상	순 1st	11.04	9.44	8.38	11.27	13.79	13.42	12.89
	중	순 2nd	12.60	11.56	13.04	12.20	15.06	14.28	15.00
	하	순 3rd	15.31	13.45	16.21	13.13	15.39	14.23	13.51
	월	평 Mean	12.98	11.48	12.54	12.20	14.75	13.98	13.80
5 월 May	상	순 1st	17.99	17.65	18.93	17.57	18.06	18.54	19.50
	중	순 2nd	19.15	16.81	16.26	18.36	18.99	18.30	15.46
	하	순 3rd	18.45	16.77	19.65	18.87	19.63	17.72	14.53
	월	평 Mean	18.53	17.08	18.28	18.27	18.89	18.19	16.50
6 월 Jun.	상	순 1st	21.26	20.83	19.87	21.72	21.55	21.72	20.75
	중	순 2nd	18.74	18.97	20.71	20.27	21.63	20.52	20.75
	하	순 3rd	22.76	23.31	24.04	23.96	24.78	22.99	23.25
	월	평 Mean	20.92	21.04	21.54	21.98	22.65	21.74	21.58
7 월 Jul.	상	순 1st	24.16	24.29	24.44	25.98	26.26	25.33	25.37
	중	순 2nd	23.67	24.91	23.92	25.25	24.61	21.80	20.93
	하	순 3rd	23.54	24.17	24.43	25.01	26.34	22.55	23.24
	월	평 Mean	23.79	24.46	24.26	25.41	25.74	23.23	23.18
8 월 Aug.	상	순 1st	22.21	22.37	23.82	23.93	24.18	22.85	23.00
	중	순 2nd	23.87	22.76	22.99	24.07	25.18	22.82	22.56
	하	순 3rd	24.20	23.75	25.79	24.50	25.95	23.55	23.36
	월	평 Mean	23.43	22.96	24.20	24.17	25.10	23.07	22.97
9 월 Sep.	상	순 1st	22.22	21.54	22.32	21.12	24.14	22.51	23.27
	중	순 2nd	20.89	18.94	20.71	20.30	22.03	20.96	20.39
	하	순 3rd	20.60	18.14	20.65	18.73	22.27	20.47	22.08
	월	평 Mean	21.24	19.54	21.23	20.05	22.81	21.31	21.91
10 월 Oct.	상	순 1st	21.27	19.43	20.21	23.18	22.50	22.50	22.37
	중	순 2nd	14.31	15.30	18.78	16.92	17.76	17.58	17.71
	하	순 3rd	13.15	13.15	15.16	15.85	16.66	15.55	18.25
	월	평 Mean	16.24	15.96	18.05	18.65	18.97	18.54	19.44
11 월 Nov.	상	순 1st	10.46	9.05	11.52	11.58	14.27	12.70	14.14
	중	순 2nd	10.29	9.58	11.43	11.59	14.85	11.99	13.29
	하	순 3rd	6.10	6.26	10.35	7.91	11.44	8.91	8.67
	월	평 Mean	8.95	8.29	11.10	10.36	13.52	11.20	12.03
12 월 Dec.	상	순 1st	1.32	1.34	6.59	1.71	6.17	3.05	6.38
	중	순 2nd	3.44	3.06	7.16	3.90	7.86	4.89	7.38
	하	순 3rd	7.28	6.42	7.90	8.52	10.86	8.68	9.57
	월	평 Mean	4.01	3.61	7.22	4.71	8.30	5.54	7.78
년 Year	년	평 Mean	13.05	12.53	14.17	13.73	15.68	14.33	14.74

월 Month	관측점 Station			⑧	⑨	⑩	⑪	⑫	⑬	⑭
	순 Ten day			축 산 Ch'uksan	포 항 Pohang	장기갑 Changgigap	감 포 Kamp'o	울 기 Ulgi	부 산 Pusan	가덕도 Kadokdo
1 월 Jan.	상 上	순 上	1st	3.57	4.50	4.20	4.35	4.44	5.62	4.26
	중 中	순 上	2nd	-2.27	0.46	1.20	1.96	0.90	1.78	1.56
	하 下	순 上	3rd	2.19	1.49	1.91	2.25	2.13	0.41	1.83
	월 月	평 平	Mean	1.16	2.15	2.44	2.85	2.49	2.60	2.55
2 월 Feb.	상 上	순 上	1st	1.10	4.21	3.60	4.95	4.20	5.51	4.52
	중 中	순 上	2nd	3.38	5.82	6.00	6.17	6.52	8.44	6.43
	하 下	순 上	3rd	3.10	2.75	1.88	2.93	3.31	4.10	2.95
	월 月	평 平	Mean	2.53	4.26	3.83	4.68	4.68	6.02	4.63
3 월 Mar.	상 上	순 上	1st	5.54	5.84	5.40	6.76	7.02	7.23	5.15
	중 中	순 上	2nd	10.74	8.42	8.00	9.00	10.01	10.76	8.88
	하 下	순 上	3rd	8.12	7.95	8.22	7.93	9.17	8.54	7.47
	월 月	평 平	Mean	8.13	7.40	7.21	7.90	8.73	8.84	7.17
4 월 Apr.	상 上	순 上	1st	8.98	11.53	11.80	12.62	13.65	13.39	12.53
	중 中	순 上	2nd	9.93	14.01	12.10	13.56	14.64	14.67	11.63
	하 下	순 上	3rd	9.16	16.28	14.89	14.08	16.56	15.33	14.57
	월 月	평 平	Mean	9.36	13.94	12.93	13.42	14.95	14.46	12.91
5 월 May	상 上	순 上	1st	16.29	18.02	17.10	16.62	18.33	17.43	15.81
	중 中	순 上	2nd	19.89	18.76	17.70	15.79	18.17	17.39	17.77
	하 下	순 上	3rd	16.51	18.60	17.82	17.37	18.47	18.12	18.10
	월 月	평 平	Mean	17.56	18.46	17.54	16.59	18.32	17.65	17.23
6 월 Jun.	상 上	순 上	1st	19.68	23.09	21.79	18.51	20.23	20.80	20.30
	중 中	순 上	2nd	17.41	21.17	21.04	20.97	21.52	21.20	20.48
	하 下	순 上	3rd	19.63	23.67	22.76	22.66	24.08	23.36	22.97
	월 月	평 平	Mean	18.91	22.63	21.86	20.71	21.94	21.79	21.25
7 월 Jul.	상 上	순 上	1st	23.01	26.32	25.30	23.02	23.61	23.54	23.84
	중 中	순 上	2nd	21.12	25.22	23.53	21.05	21.68	22.50	22.56
	하 下	순 上	3rd	21.20	26.68	25.22	21.29	22.05	23.61	23.43
	월 月	평 平	Mean	21.78	26.07	24.68	21.79	22.45	23.22	23.28
8 월 Aug.	상 上	순 上	1st	22.80	24.92	24.60	22.76	23.08	24.61	23.54
	중 中	순 上	2nd	22.97	24.89	25.70	23.49	23.18	24.34	24.02
	하 下	순 上	3rd	24.65	25.25	25.21	23.54	24.25	23.87	24.91
	월 月	평 平	Mean	23.47	25.02	25.17	23.26	23.50	24.27	24.16
9 월 Sep.	상 上	순 上	1st	17.42	21.89	21.55	22.07	22.70	23.41	22.54
	중 中	순 上	2nd	16.18	21.39	20.85	21.68	21.65	22.19	20.72
	하 下	순 上	3rd	13.91	19.98	19.70	18.97	21.28	21.91	20.46
	월 月	평 平	Mean	15.84	21.09	20.70	20.91	21.88	22.50	21.24
10 월 Oct.	상 上	순 上	1st	22.28	21.23	22.02	20.89	23.15	22.07	20.56
	중 中	순 上	2nd	15.91	18.42	18.00	18.17	19.27	18.70	18.22
	하 下	순 上	3rd	10.40	15.67	15.27	16.52	17.36	16.56	15.47
	월 月	평 平	Mean	16.20	18.58	18.43	18.53	19.93	19.11	18.08
11 월 Nov.	상 上	순 上	1st	13.59	11.35	11.54	13.59	14.23	14.00	11.19
	중 中	순 上	2nd	14.09	11.49	12.23	13.50	13.90	13.70	11.88
	하 下	순 上	3rd	8.79	8.56	9.40	10.61	10.83	11.95	9.44
	월 月	평 平	Mean	12.16	10.47	11.06	12.57	12.98	13.22	10.84
12 월 Dec.	상 上	순 上	1st	3.18	1.87	2.40	3.25	3.54	5.56	3.91
	중 中	순 上	2nd	5.08	3.98	4.20	5.78	4.95	7.06	3.17
	하 下	순 上	3rd	7.99	7.20	5.00	8.57	8.51	9.21	6.52
	월 月	평 平	Mean	5.42	4.35	3.87	5.87	5.67	7.28	4.53
년 Year	년평균 Mean			12.71	14.54	14.14	14.09	14.79	15.08	13.99

월	관측점 Station			⑮	⑯	⑰	⑱	⑲	⑳	㉑
Month	순	Ten day		서이말 Sōimal	충 무 Ch'ungmu	육지도 Yokchido	여 수 Yōsu	소리도 Sorido	거문도 Kōmundo	완 도 Wando
1 월	상	순	1st	6.79	6.62	7.08	6.37	4.90	5.40	4.99
Jan.	중	순	2nd	4.06	3.16	7.91	3.53	3.48	3.27	2.42
	하	순	3rd	5.61	2.80	9.45	2.47	4.32	3.99	2.45
	월	평	Mean	5.49	4.19	8.15	4.12	4.23	4.22	3.29
2 월	상	순	1st	7.24	5.59	12.63	3.34	5.84	4.70	4.83
Feb.	중	순	2nd	9.22	7.90	11.85	6.99	6.80	7.40	6.20
	하	순	3rd	5.03	7.20	9.86	4.00	5.05	3.50	5.80
	월	평	Mean	7.16	6.90	11.45	4.78	5.90	5.20	5.61
3 월	상	순	1st	7.52	6.29	9.01	6.22	6.01	6.20	5.02
Mar.	중	순	2nd	10.03	10.07	10.53	9.24	8.60	8.10	7.75
	하	순	3rd	8.91	8.45	11.41	8.90	8.18	8.27	7.33
	월	평	Mean	8.82	8.27	10.32	8.12	7.60	7.52	6.70
4 월	상	순	1st	13.68	11.49	16.27	12.79	12.60	11.40	10.89
Apr.	중	순	2nd	14.05	10.54	19.60	13.60	13.90	11.80	11.58
	하	순	3rd	15.79	13.06	19.94	14.86	14.20	13.90	13.81
	월	평	Mean	14.51	11.70	18.60	13.75	13.57	12.37	12.09
5 월	상	순	1st	19.33	17.92	22.94	17.09	15.60	14.90	14.79
May	중	순	2nd	18.91	19.47	24.51	18.53	16.20	16.20	16.81
	하	순	3rd	19.45	20.46	24.88	20.19	18.36	18.27	17.82
	월	평	Mean	19.23	19.28	24.11	18.60	16.72	16.46	16.47
6 월	상	순	1st	20.75	22.43	24.55	21.45	19.10	19.30	18.89
Jun.	중	순	2nd	21.00	22.68	25.49	21.53	19.90	19.70	19.80
	하	순	3rd	23.83	25.16	26.49	23.01	21.00	21.50	21.25
	월	평	Mean	21.86	23.42	25.51	22.00	20.00	20.17	19.98
7 월	상	순	1st	24.18	24.24	27.20	23.42	22.10	22.20	22.05
Jul.	중	순	2nd	23.10	24.63	26.57	22.53	22.00	22.20	22.27
	하	순	3rd	23.82	24.85	26.83	24.24	22.91	22.64	23.63
	월	평	Mean	23.70	24.57	26.87	23.40	22.34	22.68	22.65
8 월	상	순	1st	25.00	25.49	27.12	24.86	23.30	24.60	24.16
Aug.	중	순	2nd	24.74	23.99	27.48	25.13	23.80	24.00	24.92
	하	순	3rd	25.34	25.55	27.64	25.08	24.09	24.91	25.83
	월	평	Mean	25.03	25.01	27.41	25.02	23.73	24.50	24.97
9 월	상	순	1st	23.95	23.26	28.30	24.96	21.80	21.80	24.28
Sep.	중	순	2nd	22.37	23.35	27.42	21.86	20.80	21.10	22.71
	하	순	3rd	21.68	22.97	26.92	20.97	19.70	20.40	21.56
	월	평	Mean	22.67	23.19	27.55	22.60	20.77	21.10	22.85
10 월	상	순	1st	22.67	22.07	25.17	21.17	20.50	21.40	22.47
Oct.	중	순	2nd	20.75	20.54	22.38	19.27	18.70	19.70	20.18
	하	순	3rd	17.60	17.87	19.48	16.16	15.64	17.45	15.39
	월	평	Mean	20.34	20.16	22.34	18.87	18.28	19.52	19.35
11 월	상	순	1st	15.30	15.79	19.36	12.33	12.30	14.00	12.53
Nov.	중	순	2nd	14.96	15.01	19.80	12.49	13.20	14.70	12.01
	하	순	3rd	11.46	11.41	16.64	9.26	10.50	12.30	9.15
	월	평	Mean	13.91	14.07	18.60	11.36	12.00	13.67	11.23
12 월	상	순	1st	6.42	5.32	—	3.96	4.60	6.20	3.52
Dec.	중	순	2nd	6.91	7.31	—	4.36	4.60	6.70	2.82
	하	순	3rd	10.98	7.87	—	7.21	15.45	10.36	5.07
	월	평	Mean	8.10	6.83	—	5.18	8.22	7.75	3.80
년 Year	년	평	Mean	15.90	15.63	(20.08)	14.82	14.45	14.60	14.08

월	관측점 Station			㉔	㉓	㉒	㉑	㉐	㉏	㉍
Month	순 Ten	날 day		차지도 Chajido	우도 Udo	산지 Sanji	서귀포 Sögwip'o	마라도 Marado	죽도 Chukdo	소흑산도 Sohuksando
1 월	상	순	1st	3.30	6.90	7.06	9.58	7.30	5.50	6.40
	중	순	2nd	1.90	3.26	4.10	6.17	5.40	3.94	3.60
Jan.	하	순	3rd	3.00	5.55	4.65	7.64	6.27	4.92	4.27
	월	평	Mean	2.73	5.24	5.27	7.80	6.32	4.79	4.76
2 월	상	순	1st	4.10	6.20	5.42	8.09	7.30	5.68	4.90
	중	순	2nd	4.30	7.60	7.34	9.92	8.20	5.14	5.20
Feb.	하	순	3rd	2.75	4.50	4.25	6.24	5.50	2.98	4.25
	월	평	Mean	3.72	6.10	5.67	8.08	7.00	4.60	4.78
3 월	상	순	1st	4.40	7.30	7.56	8.05	8.80	6.29	5.50
	중	순	2nd	5.60	9.30	9.03	11.41	10.10	7.84	6.20
Mar.	하	순	3rd	6.91	8.18	8.45	10.85	9.18	7.63	6.91
	월	평	Mean	5.64	8.26	8.35	10.10	9.15	7.25	6.20
4 월	상	순	1st	10.70	11.50	8.57	12.95	11.00	10.11	9.90
	중	순	2nd	12.20	12.00	9.14	14.57	11.70	11.00	10.70
Apr.	하	순	3rd	12.70	14.20	11.57	15.42	13.40	12.43	11.90
	월	평	Mean	11.87	12.57	13.24	14.31	12.03	11.18	10.83
5 월	상	순	1st	15.20	14.90	14.87	16.95	15.10	13.47	13.60
	중	순	2nd	16.80	16.10	15.22	16.95	16.50	14.79	15.30
May	하	순	3rd	18.45	18.82	17.96	19.92	18.09	16.66	18.64
	월	평	Mean	16.82	16.61	16.02	17.94	16.56	14.97	15.85
6 월	상	순	1st	20.10	20.20	22.25	21.60	19.70	18.37	20.50
	중	순	2nd	20.10	21.10	20.09	21.14	21.20	19.77	20.70
Jun.	하	순	3rd	22.20	22.20	21.90	22.54	23.00	22.64	22.00
	월	평	Mean	20.80	21.17	21.40	21.76	21.30	20.26	21.07
7 월	상	순	1st	22.40	23.90	22.02	23.32	23.20	21.83	22.40
	중	순	2nd	22.50	25.40	22.10	23.44	23.80	21.64	22.70
Jul.	하	순	3rd	24.55	24.91	26.50	24.11	24.45	23.44	25.09
	월	평	Mean	23.15	24.74	23.54	23.62	23.82	22.30	23.40
8 월	상	순	1st	24.30	26.30	27.93	26.38	26.20	23.44	26.20
	중	순	2nd	25.00	25.60	27.50	25.58	26.70	24.75	24.10
Aug.	하	순	3rd	25.00	26.73	28.30	26.22	26.09	24.73	25.64
	월	평	Mean	24.77	26.21	27.91	25.06	26.33	24.31	25.31
9 월	상	순	1st	22.10	25.00	24.75	24.55	24.40	21.16	21.70
	중	순	2nd	21.30	23.00	24.00	23.56	23.30	20.73	20.60
Sep.	하	순	3rd	20.60	21.60	22.09	21.81	22.20	20.64	19.70
	월	평	Mean	21.33	23.20	23.58	23.31	23.30	20.84	20.67
10 월	상	순	1st	19.80	22.60	20.90	23.24	22.80	20.11	20.40
	중	순	2nd	18.40	20.80	19.45	23.05	20.90	18.71	18.40
Oct.	하	순	3rd	15.00	17.18	17.23	18.81	17.09	15.13	15.55
	월	평	Mean	17.73	20.19	19.19	21.70	20.26	17.98	18.12
11 월	상	순	1st	12.10	14.10	14.10	15.92	14.40	13.45	13.20
	중	순	2nd	11.90	15.30	15.58	16.29	15.50	13.20	12.90
Nov.	하	순	3rd	9.00	12.70	13.60	15.00	12.60	10.53	11.10
	월	평	Mean	11.00	14.03	14.43	15.74	14.17	12.39	12.40
12 월	상	순	1st	3.80	5.60	6.50	8.97	7.20	5.79	5.40
	중	순	2nd	4.00	5.80	7.10	8.74	7.60	6.42	6.30
Dec.	하	순	3rd	6.73	10.90	10.27	12.58	11.18	8.31	8.91
	월	평	Mean	4.84	7.43	7.96	10.10	8.66	6.84	6.87
년 Year	년	평	Mean	13.70	15.48	15.55	16.63	15.74	13.98	14.19

월 Month	관측점 Station		㉨ 홍도 Hongdo	㉩ 칠발도 Ch'ilbaldo	㉪ 목포 Mokp'o	㉫ 말도 Maldo	㉬ 군산 Kunsan	㉭ 어청도 Ōch'ŏngdo	㉮ 대천 Daech'ŏn
	순 Ten day								
1 월 Jan.	상순	1st	5.15	5.40	1.83	2.88	1.49	1.96	1.37
	중순	2nd	3.41	3.80	1.10	-0.05	-1.52	0.29	-1.01
	하순	3rd	3.51	3.09	1.14	1.42	-0.85	0.64	-0.02
	월평균	Mean	4.02	4.10	1.36	1.42	-0.29	0.96	0.11
2 월 Feb.	상순	1st	4.30	4.00	4.67	2.35	1.86	1.70	1.96
	중순	2nd	3.96	5.00	4.40	2.12	1.88	0.85	1.63
	하순	3rd	2.44	3.38	3.65	1.91	-0.31	-0.13	1.39
	월평균	Mean	3.57	4.13	4.24	2.13	1.14	0.81	1.66
3 월 Mar.	상순	1st	4.24	4.90	5.71	3.73	2.86	2.82	4.66
	중순	2nd	4.60	5.51	7.85	4.81	5.94	4.73	5.66
	하순	3rd	5.34	6.01	8.02	4.99	5.68	4.25	7.15
	월평균	Mean	4.73	5.47	7.19	4.51	4.83	3.93	5.82
4 월 Apr.	상순	1st	9.56	9.20	12.01	8.21	8.57	8.26	7.54
	중순	2nd	9.33	10.20	11.87	10.56	9.14	9.93	9.42
	하순	3rd	10.70	11.80	12.39	11.45	11.57	11.76	10.97
	월평균	Mean	9.86	10.40	12.09	10.07	9.76	9.98	9.31
5 월 May	상순	1st	12.72	13.10	13.79	13.05	13.65	13.51	12.50
	중순	2nd	15.09	15.60	15.20	14.66	15.53	13.98	15.52
	하순	3rd	17.39	17.55	20.02	17.38	18.86	16.55	18.41
	월평균	Mean	15.07	15.50	16.34	15.03	16.01	14.68	15.48
6 월 Jun.	상순	1st	21.19	19.40	20.86	20.13	20.83	18.44	21.01
	중순	2nd	21.38	20.30	21.86	19.95	19.89	21.17	20.55
	하순	3rd	20.99	21.20	24.76	23.29	21.63	21.71	21.57
	월평균	Mean	21.19	20.30	22.49	21.12	20.78	20.44	21.04
7 월 Jul.	상순	1st	22.68	22.20	23.38	21.90	23.39	22.56	22.40
	중순	2nd	22.72	22.10	23.56	21.32	23.13	22.37	22.64
	하순	3rd	24.60	22.82	25.61	22.56	25.24	23.16	23.79
	월평균	Mean	23.33	22.37	24.18	21.93	23.92	22.70	22.94
8 월 Aug.	상순	1st	25.63	23.50	25.88	24.25	25.54	24.28	25.37
	중순	2nd	24.10	23.90	26.19	25.67	25.29	25.51	25.64
	하순	3rd	24.92	23.55	27.05	25.15	24.95	25.09	25.89
	월평균	Mean	24.88	23.65	26.37	25.02	25.26	24.96	25.63
9 월 Sep.	상순	1st	21.16	22.30	24.78	23.55	21.74	23.23	23.99
	중순	2nd	20.53	20.50	23.77	22.04	20.56	22.89	22.26
	하순	3rd	19.35	20.40	21.30	21.13	18.90	20.30	20.45
	월평균	Mean	20.35	21.07	23.29	22.24	20.40	22.14	22.23
10 월 Oct.	상순	1st	20.18	21.00	20.84	20.09	19.50	19.25	21.01
	중순	2nd	17.70	19.80	16.28	18.15	17.73	17.71	17.35
	하순	3rd	15.10	17.09	16.08	14.20	12.78	14.79	14.95
	월평균	Mean	17.66	19.30	17.73	17.48	16.67	17.25	17.77
11 월 Nov.	상순	1st	12.49	14.80	11.82	12.19	10.47	12.76	12.74
	중순	2nd	12.87	14.80	13.93	12.34	9.07	12.86	11.85
	하순	3rd	9.43	11.30	9.75	8.28	6.78	8.24	8.17
	월평균	Mean	11.60	13.63	11.83	10.94	8.77	11.29	10.92
12 월 Dec.	상순	1st	5.09	6.20	4.59	2.97	1.62	4.45	2.15
	중순	2nd	5.63	7.40	6.60	4.51	1.14	4.90	3.68
	하순	3rd	7.85	9.27	7.56	6.23	4.66	5.64	4.16
	월평균	Mean	6.19	7.62	6.25	4.57	2.47	5.00	3.33
년 Year	년평균 Mean		13.54	13.96	14.45	13.04	12.48	12.85	13.02

월	관측점 Station			㉔	㉕	㉖	㉗	㉘	㉙	㉚
Month	순 Ten day			격열비도 Kyŏngyŏlbidŏ	목덕도 Moktŏkto	부도 Pudo	선미도 Sŏnmido	월미도 Wolmido	연평도 Yŏnp'yŏngdo	소청도 Soch'ŏngdo
1 월	상순	1st		1.06	1.20	0.00	-2.30	-3.28	-3.00	-1.10
	중순	2nd		-0.99	-0.40	-2.10	-4.20	-6.15	-4.00	-2.40
Jan.	하순	3rd		-0.04	1.82	-1.09	-3.09	-2.51	-2.82	-0.64
	월평균	Mean		0.01	0.87	-1.06	-3.20	-3.98	-3.27	-1.38
2 월	상순	1st		1.22	2.00	0.90	-1.50	-2.07	-1.70	0.10
	중순	2nd		-0.07	0.50	0.55	-2.50	-1.90	-2.10	-1.70
Feb.	하순	3rd		-0.04	0.00	-0.63	-3.00	-2.84	-2.13	-1.63
	월평균	Mean		0.24	0.83	0.27	-2.33	-2.27	-1.98	-1.08
3 월	상순	1st		1.14	2.00	1.45	-0.20	1.90	0.40	0.50
	중순	2nd		2.98	3.70	3.80	3.00	3.42	2.80	2.30
Mar.	하순	3rd		3.03	3.55	4.14	2.91	1.77	3.64	2.36
	월평균	Mean		2.38	3.08	3.13	1.90	2.36	2.28	1.72
4 월	상순	1st		5.68	6.10	6.00	7.80	6.73		5.10
	중순	2nd		7.84	7.50	8.60	9.60	7.70		6.70
Apr.	하순	3rd		8.78	8.50	10.50	10.90	9.20		7.70
	월평균	Mean		7.43	7.37	8.37	9.43	7.88		6.50
5 월	상순	1st		10.58	9.80	11.10	13.50	11.87		10.50
	중순	2nd		13.24	11.70	13.20	15.60	14.57		11.10
May	하순	3rd		15.24	14.64	16.27	18.18	17.43		14.18
	월평균	Mean		13.02	12.05	13.52	15.76	14.62		11.93
6 월	상순	1st		16.13	15.70	16.90	18.30	19.31		15.90
	중순	2nd		18.62	17.90	19.20	20.20	21.15		18.00
Jun.	하순	3rd		20.61	19.40	20.80	22.10	24.04		20.70
	월평균	Mean		18.45	17.67	18.97	20.20	21.50		18.20
7 월	상순	1st		21.13	19.60	20.95	21.70	26.23		20.30
	중순	2nd		20.51	19.80	21.30	19.80	26.02		20.30
Jul.	하순	3rd		21.45	20.82	21.82	21.36	25.97		21.36
	월평균	Mean		21.03	20.07	21.36	20.95	26.07		20.65
8 월	상순	1st		22.83	21.70	22.70	22.30	23.30		21.50
	중순	2nd		23.74	23.10	24.90	23.80	24.66		22.90
Aug.	하순	3rd		24.33	23.45	23.73	23.27	24.76		22.82
	월평균	Mean		23.63	22.75	23.78	23.12	24.24		22.41
9 월	상순	1st		21.61	21.60	22.20	21.00	22.32		20.40
	중순	2nd		20.46	21.10	21.40	20.40	19.09		20.30
Sep.	하순	3rd		19.02	19.70	19.80	18.10	17.13		17.90
	월평균	Mean		20.36	20.80	21.13	19.83	19.51		19.53
10 월	상순	1st		19.88	18.60	19.40	18.50	17.21		18.10
	중순	2nd		16.13	15.90	17.20	14.70	15.90		14.80
Oct.	하순	3rd		13.89	13.30	13.91	12.45	12.40		12.64
	월평균	Mean		16.63	15.84	16.84	15.22	15.17		15.18
11 월	상순	1st		11.43	10.90	10.20	9.40	9.88		9.90
	중순	2nd		11.15	11.20	10.20	9.20	8.39		9.90
Nov.	하순	3rd		7.09	7.10	5.80	4.20	4.22		4.60
	월평균	Mean		9.89	9.73	8.73	7.60	7.50		8.13
12 월	상순	1st		2.27	2.40	1.80	-0.40	-1.27		1.60
	중순	2nd		3.53	3.10	2.10	0.40	-0.34		2.60
Dec.	하순	3rd		4.87	4.45	4.18	2.68	3.78		3.73
	월평균	Mean		3.72	3.32	2.69	0.88	0.72		2.64
년 Year	년평균	Mean		11.40	11.20	11.48	10.78	11.11		10.37

第二編

定線海洋觀測成績

(水温, 鹽分, 酸素 및 氣象觀測資料)

PART 2

SERIAL OCEANOGRAPHIC DATA

(Temperature, Salinity, Oxygen and Meteorological Data)

1 9 8 7

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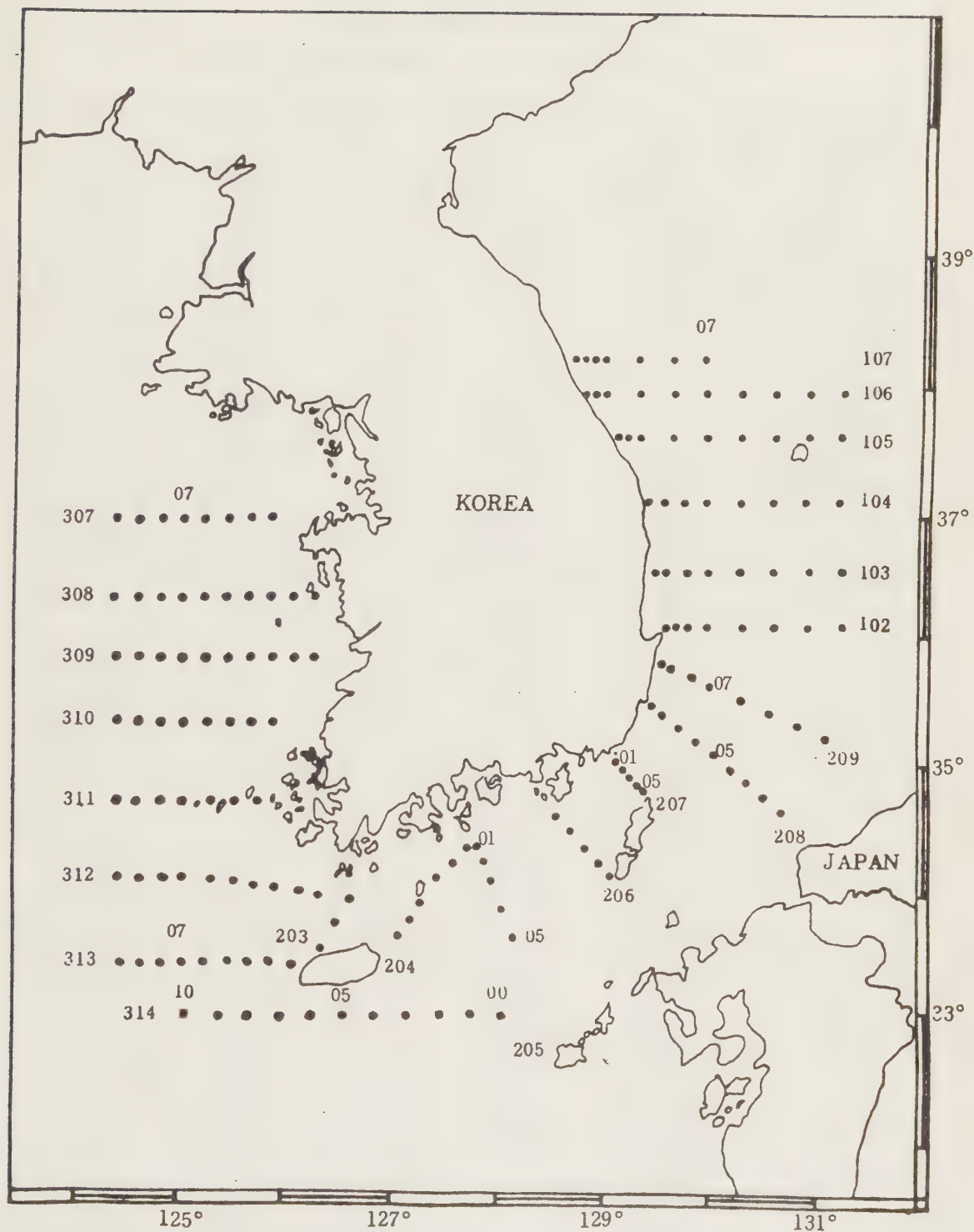
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定線海洋觀測點位置圖
Location of the serial oceanographic stations.

定線海洋觀測點位置表
Position of the serial oceanographic stations

Line \ StNo	00	01	02	03	04	05
107		38° 12.6' 128° 37.4'	38° 12.6' 128° 42.7'	38° 12.6' 128° 50.6'	38° 12.6' 129° 03.5'	38° 12.6' 129° 22.3'
106			37° 53.7' 128° 52.5'	37° 53.7' 128° 57.2'	37° 53.7' 129° 03.8'	37° 53.7' 129° 22.1'
105				37° 33.2' 129° 10.3'	37° 33.2' 129° 15.5'	37° 33.2' 129° 22.6'
104					37° 03.4' 129° 28.8'	37° 03.4' 129° 33.6'
103					36° 30.3' 129° 30.1'	36° 30.3' 129° 35.4'
102					36° 04.6' 129° 36.9'	36° 04.6' 129° 41.3'
209					35° 47.3' 129° 32.8'	35° 45.4' 129° 38.4'
208		35° 28.5' 129° 27.3'	35° 24.3' 129° 33.8'	35° 17.8' 129° 42.9'	35° 11.1' 129° 52.7'	35° 04.8' 130° 02.0'
207		35° 01.3' 129° 07.2'	34° 57.6' 129° 11.2'	34° 53.9' 129° 15.4'	34° 50.2' 129° 19.5'	34° 48.0' 129° 21.8'
206		34° 35.5' 128° 34.5'	34° 29.6' 128° 41.2'	34° 22.4' 128° 49.7'	34° 15.3' 128° 58.0'	34° 08.1' 129° 06.3'
205		34° 22.3' 127° 48.5'	34° 15.0' 127° 52.1'	34° 05.5' 127° 56.9'	33° 51.5' 128° 03.0'	33° 37.3' 128° 09.2'
204		34° 20.8' 127° 43.9'	34° 13.7' 127° 35.4'	34° 06.7' 127° 26.8'	33° 54.1' 127° 15.2'	33° 45.5' 127° 09.2'
203		33° 56.6' 126° 31.4'	33° 47.5' 126° 26.3'	33° 38.3' 126° 21.3'		
314	33° 00.0' 128° 00.0'	33° 00.0' 127° 42.0'	33° 00.0'	33° 00.0'	33° 00.0'	33° 00.0'
313			33° 24.4' 126° 00.0'	33° 24.4' 125° 48.0'	33° 24.4' 125° 36.0'	33° 24.4' 125° 24.0'
312			33° 58.5' 126° 06.0'	33° 59.8' 125° 54.0'	34° 01.3' 125° 42.0'	34° 02.6' 125° 30.0'
311					34° 43.0' 125° 43.9'	34° 43.0' 125° 31.9'
310				35° 20.1' 125° 49.3'	35° 20.1' 125° 36.5'	35° 20.1' 125° 24.4'
309		35° 51.3' 126° 14.7'	35° 51.3' 126° 02.0'	35° 51.3' 125° 49.3'	35° 51.3' 125° 37.0'	35° 51.3' 125° 24.4'
308		36° 19.8' 126° 14.4'	36° 19.8' 126° 02.3'	36° 19.8' 125° 50.0'	36° 19.8' 125° 37.0'	36° 19.8' 125° 25.3'
307				36° 56.5' 126° 00.0'	36° 55.5' 125° 37.7'	36° 55.5' 125° 25.0'

06	07	08	09	10	11
38° 12.6'	38° 12.6'				
129° 41.1'	130° 00.0'				
37° 53.7'	37° 53.7'	37° 53.7'	37° 53.7'	37° 53.7'	37° 53.7'
129° 41.3'	130° 00.0'	130° 18.9'	130° 37.7'	130° 56.5'	131° 15.1'
37° 33.2'	37° 33.2'	37° 33.2'	37° 33.2'	37° 33.2'	37° 33.2'
129° 41.3'	130° 00.0'	130° 18.7'	130° 37.5'	130° 55.9'	131° 14.6'
37° 03.4'	37° 03.4'	37° 03.4'	37° 03.4'	37° 03.4'	37° 03.4'
129° 47.6'	130° 00.0'	130° 18.7'	130° 37.6'	130° 56.4'	131° 15.3'
36° 30.3'	36° 30.3'	36° 30.3'	36° 30.3'	36° 30.3'	36° 30.3'
129° 47.3'	130° 00.0'	130° 18.6'	130° 37.3'	130° 55.6'	131° 14.0'
36° 04.6'	36° 04.6'	36° 04.6'	36° 04.6'	36° 04.6'	36° 04.6'
129° 47.8'	130° 00.0'	130° 18.4'	130° 36.9'	130° 55.1'	131° 13.6'
35° 41.3'	35° 36.8'	35° 30.8'	35° 24.4'	35° 17.8'	35° 11.4'
129° 49.0'	130° 00.3'	130° 16.9'	130° 33.5'	130° 50.0'	131° 06.6'
34° 58.2'	34° 52.0'	34° 45.3'	34° 38.9'		
130° 11.9'	130° 20.9'	130° 30.6'	130° 40.5'		

33° 23.8' 33° 09.7' 32° 55.9'
 128° 14.3' 128° 21.3' 128° 27.0'
 33° 35.8'
 127° 03.2'

33° 00.0' 33° 00.0' 33° 00.0' 33° 00.0' 33° 00.0'
 126° 12.0' 125° 54.0' 125° 36.0' 125° 18.0' 125° 00.0'
 33° 24.4' 33° 24.4' 33° 24.4' 33° 24.4' 33° 24.4'
 125° 12.0' 125° 00.0' 124° 48.0' 124° 36.0' 124° 24.0'

34° 04.1' 34° 05.5' 34° 05.5' 34° 05.5' 34° 05.5'
 125° 18.0' 125° 00.0' 124° 48.0' 124° 36.0' 124° 24.0'
 34° 43.0' 34° 43.0' 34° 43.0' 34° 43.0' 34° 43.0'
 125° 19.4' 125° 00.0' 124° 47.9' 124° 35.8' 124° 23.4'
 35° 20.1' 35° 20.1' 35° 20.1' 35° 20.1' 35° 20.1'
 125° 12.1' 125° 00.0' 124° 47.9' 124° 35.6' 124° 23.5'
 35° 51.3' 35° 51.3' 35° 51.3' 35° 51.3' 35° 51.3'
 125° 12.3' 125° 00.0' 124° 47.8' 124° 35.1' 124° 22.8'
 36° 19.8' 36° 19.8' 36° 19.8' 36° 19.8' 36° 19.8'
 125° 12.4' 125° 00.0' 124° 47.5' 124° 35.1' 124° 23.0'
 36° 55.5' 36° 55.5' 36° 55.5' 36° 55.5' 36° 55.5'
 125° 12.5' 125° 00.0' 124° 47.5' 124° 34.8' 124° 22.3'

St. No. Line	12	13	14	15	16	17
107						
106	37° 53.7'	37° 53.7'	37° 53.7'	37° 53.7'	37° 53.7'	
	131° 34.7'	131° 53.0'	132° 12.2'	132° 30.9'	132° 49.6'	
105	37° 33.2'	37° 33.2'	37° 33.2'	37° 33.2'	37° 33.2'	
	131° 33.8'	131° 52.2'	132° 11.2'	132° 29.8'	132° 48.4'	
104	37° 03.4'	37° 03.4'	37° 03.4'	37° 03.4'	37° 03.4'	
	131° 33.8'	131° 52.6'	132° 11.6'	132° 29.5'	132° 47.6'	
103						
102						
209						
208						
207						
206						
205						
204						
203						
314						
313						
312						
311						
310						
309						
308						
307						

凡 例

○ 定線海洋觀測資料

表 題 (表面 環境 情報)

位 置 : 韓國 定線海洋觀測點 番號

緯 度 : 北緯 度數와 分, 1 / 10 分 表示

36 - 30.5 N → 36° 30' 30" N

經 度 : 東經 度數와 分, 1 / 10 分 表示

日 字 : 大韓民國 標準時에 의거한 年, 月, 日

時 刻 : 東經 135° 의 子午線을 基準한 大韓民國 標準時

水 深 : 底層까지의 總깊이 (m)

水 色 : Forel 水色 標準液의 水色番號 (1 - 11)

透明度 : 直徑 30 cm의 白色 透明度板에 依한 測定 (m)

波 浪 : 方向은 16 方位 (磁針方位)

階級은 10 階級法 (0 ~ 9) 으로 表示

너 울 : 方向은 波浪과 同一, 階級은 4 階級法 (0 ~ 3) 으로 表示

바 람 : 方向은 16 方位 (磁針方位)

階級은 Beaufort 風力階級으로 表示

氣 壓 : Aneroid 氣壓計에 의해 mb 로 表示

氣 溫 : 乾球溫度를 °C 로 表示

天氣 : 天氣는 現在狀態를 아래와 같이 表示

快晴 (B) : 雲量 0 ~ 2, 개입 (BC) : 雲量 3 ~ 7

흐림 (C) : 雲量 8 ~ 10, 비 (R), 안개 (F), 눈 (S)

구름 : 雲形은 10 種雲形法으로 觀測

雲量은 天空의 10 等分法에 依하여 目測

觀 測 (表面下 觀測)

水深 : 資料 採集 水深 (m)

水溫 : 轉倒溫度計로 測定하여 1 / 100 °C 까지 表示

鹽分 : 電氣傳導度 鹽分計로 測定하고 千分率(‰)로 表示

酸素 : 인클러方法의 나카이(中井) 改良方法으로 測定하고 ml / l 로 表示

補 插 法

水深 : 標準層의 水深 (m)

水溫, 鹽分, 酸素 : 觀測資料를 標準層에 一致

計 算

密度 : g / l 로 表示

D-T : Thermosteric anomaly $10^{-5} \text{ cm}^3 / \text{g}$

SVA : 現場比容 anomaly $10^{-5} \text{ cm}^3 / \text{g}$

D-DY : 力學深度 anomaly

EXPLANATION

SERIAL OCEANOGRAPHIC STATION DATA

Heading (Surface environmental information)

STATION	: Korean serial oceanographic stations No.
LATITUDE	: Given in degrees, minutes and tenths of minutes with hemisphere indicated by N.
LONGITUDE	: Given in degrees, minutes and tenths of minutes with hemisphere indicated by E.
DATE	: Given in month and day as determined by KST.
TIME	: Time of the beginning of observations given in hour and minute by KST referred to the meridian of 135° E.
DEPTH	: Depth to bottom given in whole meters.
COLOR	: Water color given according to Forel scale (1 ~ 11).
TRANS	: Transparency given in whole meters as determined by Secchi disc.
WAVE DIR/S	: Direction of waves given in 16 point scale of the compass bearing, from which dominant waves are coming, and sea state (S) according to WMO code 3700 (Scale 0 ~ 9).
SWELL DIR/S	: Direction of swell given in 16 point scale of the compass bearing, from which dominant waves are coming, and sea state (S) according to scale 0 ~ 3.
WIND DIR/F	: Direction of wind given in 16 point scale of the compass bearing, from which wind is blowing, and wind force (F) in Beaufort scale.
BARO	: Barometric pressure given in millibars.
AIR TEMP DRY	: Dry-bulb temperature given in degrees celsius.

WEATHER : Recorded in present weather : the abbreviations
and the cloud cover are as follows :
B: 0~2, BC: 3~7, C: 8~10,
R: Rain, F: Fog, S: Snow.

CLOUD T : Cloud type recorded in ten of the cloud.
A : Cloud amount recorded in tenths of whole sky
covered.

Observed (Subsurface observations)

DEPTH : Depth of sample given in whole meters.

TEMPERATURE : Temperature given in degrees celsius.

SALINITY : Salinity given in parts per thousand as determined
by the inductive salinometer.

O₂ : Dissolved Oxygen given in milliliters per liter
as determined by the Nakai modification of the
Winkler method

Interpolated

DEPTH : Standard depths (IAPSO equivalent) given in
whole meters.

TEMP, SAL, O₂ : Corresponding to the explanation of observed data.

Calculated

SIGMA-T : Given in grams per liter.

D-T : Thermosteric anomaly (D-T) given in $10^{-5} \text{ cm}^3/\text{g}$.

SVA : Specific volume anomaly (SVA) given in $10^{-5} \text{ cm}^3/\text{g}$.

D-DY : Dynamic depth anomaly (D-DY) given in dynamic
meters.

東 海 海 洋 調 查 成 績

OCEANOGRAPHIC DATA : EASTERN WATERS

1 9 8 7

107 線 海洋觀測 成績 Oceanographic Data. Line 107

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

3 月(March)

GANGWON 867 , STATION 107-01 , 38-12.6. N, 128-37.4. E, MAR. 12. 1987, 11:20 KST,
 DEPTH 95 , COLOR 4, TRANS. 14.0, WAVE E 2, SWELL E 1, WIND E 2 , BARO 1014. ,
 AIR TEMP. DRY 10.2, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	8.27	34.217	7.18	0	8.27	34.217	7.18	26.63	141	140	0.0000
10	7.98	34.229	7.08	10	7.98	34.229	7.08	26.69	136	136	0.0138
20	7.97	34.215	6.47	20	7.97	34.215	6.47	26.68	137	137	0.0275
30	7.97	34.221	6.37	30	7.97	34.221	6.37	26.68	136	136	0.0411
50	7.96	34.228	6.27	50	7.96	34.228	6.27	26.69	135	136	0.0685
75	4.42	34.082	6.27	75	4.42	34.082	6.27	27.03	103	104	0.0986

GANGWON 867 , STATION 107-02 , 38-12.6. N, 128-42.7. E, MAR. 12. 1987, 12:30 KST,
 DEPTH 855 , COLOR 4, TRANS. 14.0, WAVE E 2, SWELL E 1, WIND E 2 , BARO 1014. ,
 AIR TEMP. DRY 10.4, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	7.85	34.225	7.28	0	7.85	34.225	7.28	26.70	134	134	0.0000
10	7.53	34.189	6.98	10	7.53	34.189	6.98	26.72	132	132	0.0133
20	7.51	34.209	6.47	20	7.51	34.209	6.47	26.74	131	131	0.0265
30	7.41	34.186	6.47	30	7.41	34.186	6.47	26.74	131	131	0.0396
50	6.10	34.102	6.27	50	6.10	34.102	6.27	26.85	120	121	0.0649
75	3.93	34.099	6.27	75	3.93	34.099	6.27	27.09	097	097	0.0923
93	1.95	34.066	6.07	100	1.84	34.068	6.07	27.26	082	082	0.1149
121	1.52	34.076	6.07	125	1.49	34.076	6.05	27.29	079	079	0.1351
145	1.36	34.076	5.97	150	1.30	34.079	5.97	27.30	077	077	0.1548
193	0.80	34.105	5.97	200	0.79	34.101	5.94	27.35	073	072	0.1924
241	0.78	34.082	5.77	250	0.76	34.084	5.75	27.34	074	073	0.2292
295	0.67	34.099	5.67	300	0.66	34.098	5.67	27.36	072	072	0.2657
394	0.57	34.098	5.67	400	0.56	34.099	5.68	27.37	071	071	0.3377
492	0.46	34.117	5.87								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GANGWON 867 , STATION 107-03 , 38-12.6. N, 128-50.6. E, MAR.12.1987, 12:40 KST,
 DEPTH 1120 , COLOR 4, TRANS. 14.0, WAVE E 3, SWELL E 1, WIND E 3 , BARO 1004. ,
 AIR TEMP. DRY 10.3, WET , CLOUD, TYPE CI, AMT 03, WEATHER BC

0	8.33	34.222	7.08	0	8.33	34.222	7.08	26.63	141	141	0.0000
10	7.97	34.260	6.88	10	7.97	34.260	6.88	26.71	133	133	0.0137
20	7.94	34.235	6.77	20	7.94	34.235	6.77	26.70	135	135	0.0271
30	7.92	34.226	6.77	30	7.92	34.226	6.77	26.69	135	135	0.0407
50	7.91	34.208	6.57	50	7.91	34.208	6.57	26.68	136	137	0.0680
75	4.81	34.069	6.47	75	4.81	34.069	6.47	26.98	108	109	0.0988
97	2.11	34.051	6.27	100	2.06	34.052	6.24	27.23	085	085	0.1231
124	1.66	34.066	6.07	125	1.65	34.067	6.06	27.27	081	081	0.1439
148	1.48	34.099	5.87	150	1.47	34.099	5.86	27.31	077	077	0.1637
195	1.25	34.103	5.77	200	1.20	34.108	5.75	27.33	075	075	0.2019
240	0.86	34.148	5.67	250	0.83	34.154	5.67	27.39	069	069	0.2380
290	0.73	34.179	5.67	300	0.69	34.175	5.67	27.42	066	066	0.2720
390	0.41	34.141	5.67	400	0.40	34.137	5.67	27.40	067	067	0.3392
491	0.38	34.106	5.77								

GANGWON 867 , STATION 107-04 , 38-12.6. N, 129-03.5. E, MAR.12.1987, 13:50 KST,
 DEPTH 1296 , COLOR 4, TRANS. 15.5, WAVE E 4, SWELL E 1, WIND E 4 , BARO 1014. ,
 AIR TEMP. DRY 9.5, WET , CLOUD, TYPE CI, AMT 04, WEATHER BC

0	8.75	34.219	7.08	0	8.75	34.219	7.08	26.56	148	147	0.0000
10	8.34	34.247	7.08	10	8.34	34.247	7.08	26.65	139	139	0.0143
20	7.98	34.275	6.88	20	7.98	34.275	6.88	26.72	132	132	0.0280
30	7.98	34.355	6.88	30	7.98	34.355	6.88	26.79	126	127	0.0410
50	7.94	34.365	6.78	50	7.94	34.365	6.78	26.80	125	126	0.0663
75	7.91	34.381	6.68	75	7.91	34.381	6.68	26.82	123	124	0.0976
94	7.90	34.261	6.58	100	6.76	34.243	6.52	26.87	118	119	0.1282
116	3.75	34.195	6.38	125	2.82	34.166	6.37	27.25	082	082	0.1536
138	1.49	34.126	6.37	150	1.49	34.117	6.34	27.32	076	076	0.1735

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

193	1.49	34.087	6.27	200	1.37	34.100	6.27	27.31	076	076	0.2118
240	0.75	34.175	6.27	250	0.72	34.177	6.23	27.42	066	066	0.2477
291	0.60	34.188	6.07	300	0.58	34.185	6.07	27.43	065	065	0.2807
393	0.40	34.162	6.07	400	0.40	34.156	6.05	27.42	066	066	0.3464
496	0.40	34.084	5.87								

GANGWON 867 , STATION 107-05 , 38-12.6. N, 129-22.3. E, MAR. 12, 1987, 15:30 KST,
 DEPTH 1080 , COLOR , TRANS. , WAVE E 5, SWELL E 2, WIND E 5 , BARO 1013. ,
 AIR TEMP. DRY 9.3, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	8.96	34.295	6.88	0	8.96	34.295	6.88	26.59	145	145	0.0000
10	8.63	34.303	7.18	10	8.63	34.303	7.18	26.65	140	139	0.0142
20	8.61	34.295	6.98	20	8.61	34.295	6.98	26.64	140	140	0.0282
30	8.61	34.308	6.88	30	8.61	34.308	6.88	26.65	139	139	0.0422
50	8.60	34.354	6.68	50	8.60	34.354	6.68	26.69	135	136	0.0698
75	7.23	34.234	6.47	75	7.23	34.234	6.47	26.80	125	126	0.1027
98	4.49	34.217	6.37	100	4.27	34.213	6.37	27.15	092	092	0.1301
120	2.07	34.175	6.37	125	1.96	34.151	6.34	27.31	076	077	0.1514
143	1.58	34.067	6.27	150	1.50	34.084	6.27	27.29	078	078	0.1709
187	1.13	34.175	6.27	200	1.07	34.174	6.24	27.39	069	069	0.2079
246	0.87	34.172	6.17	250	0.85	34.171	6.16	27.41	068	067	0.2422
292	0.66	34.170	6.07	300	0.64	34.166	6.06	27.41	067	067	0.2759
388	0.45	34.123	5.97	400	0.44	34.120	5.94	27.39	069	069	0.3441
483	0.43	34.107	5.77								

GYUNGBUG 853 , STATION 107-06 , 38-12.6. N, 129-41.1. E, MAR. 28, 1987, 14:30 KST,
 DEPTH 882 , COLOR 4, TRANS. 15.0, WAVE SW 2, SWELL SW 1, WIND SW 2 , BARO 1025.5,
 AIR TEMP. DRY 8.6, WET , CLOUD. TYPE AS, AMT 08, WEATHER C

0	8.02	34.340	6.88	0	8.02	34.340	6.88	26.77	128	128	0.0000
10	8.17	34.311	6.98	10	8.17	34.311	6.98	26.72	132	132	0.0130

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
20	8.13	34.243	6.78	20	8.13	34.243	6.78	26.68	137	137	0.0265
30	8.12	34.228	6.58	30	8.12	34.228	6.58	26.67	138	138	0.0403
50	7.94	34.180	6.58	50	7.94	34.180	6.58	26.65	139	139	0.0681
75	7.88	34.078	6.47	75	7.88	34.078	6.47	26.58	145	146	0.1039
101	7.77	34.004	6.58	100	7.77	34.006	6.57	26.54	149	151	0.1412
126	6.20	34.031	6.47	125	6.26	34.029	6.47	26.77	128	129	0.1763
151	6.00	34.065	6.47	150	6.00	34.063	6.47	26.83	122	124	0.2081
200	3.30	34.074	6.27	200	3.30	34.074	6.27	27.14	093	094	0.2628
250	1.25	34.144	6.27	250	1.25	34.144	6.27	27.36	072	072	0.3047
286	0.87	34.114	6.07	300	0.82	34.120	6.08	27.37	071	071	0.3409
385	0.57	34.158	6.17	400	0.55	34.153	6.10	27.41	067	067	0.4105
483	0.49	34.130	5.77								

GYUNGBUG 863 , STATION 107-07 , 38-12.6. N, 130-00.0. E, MAR. 28. 1987, 16:30 KST,
 DEPTH 846 , COLOR 4, TRANS. 15.0, WAVE SW 1, SWELL 0, WIND SW 3 , BARO 1024. ,
 AIR TEMP. DRY 9.5, WET , CLOUD. TYPE AS, AMT 08, WEATHER C

0	8.11	34.386	6.68	0	8.11	34.386	6.68	26.79	126	126	0.0000
10	8.16	34.334	7.08	10	8.16	34.334	7.08	26.74	130	130	0.0128
20	8.14	34.405	6.58	20	8.14	34.405	6.58	26.80	125	125	0.0256
30	8.10	34.256	6.37	30	8.10	34.256	6.37	26.69	135	136	0.0387
50	8.02	34.122	6.37	50	8.02	34.122	6.37	26.60	144	145	0.0668
75	7.87	34.078	6.37	75	7.87	34.078	6.37	26.59	145	146	0.1033
96	7.79	34.064	6.47	100	7.46	34.062	6.43	26.63	141	142	0.1395
121	5.77	34.056	6.27	125	5.59	34.053	6.25	26.87	118	119	0.1723
145	4.73	34.039	6.17	150	4.43	34.039	6.15	26.99	107	108	0.2008
193	1.87	34.045	6.07	200	1.79	34.045	6.07	27.24	083	084	0.2489
241	1.36	34.048	6.07	250	1.24	34.051	6.03	27.28	079	079	0.2899
287	0.78	34.068	5.87	300	0.77	34.073	5.85	27.33	075	074	0.3285
381	0.77	34.106	5.77	400	0.73	34.111	5.72	27.37	071	071	0.4019
475	0.58	34.135	5.57								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

4月(April)

GANGWON 867 , STATION 107-01 , 38-12.6. N, 128-37.4. E, APR. 19. 1987, 10:50 KST,
 DEPTH 95 , COLOR 4, TRANS. 11.0, WAVE SE 1, SWELL SE 1, WIND SE 1 , BARO 1013. ,
 AIR TEMP. DRY 13.5, WET , CLOUD. TYPE CI, AMT 04, WEATHER BC

0	11.58	34.478	6.25	0	11.58	34.478	6.25	26.28	175	174	0.0000
10	8.74	34.300	6.33	10	8.74	34.300	6.33	26.63	141	141	0.0158
20	4.96	34.143	6.11	20	4.96	34.143	6.11	27.02	104	104	0.0281
30	3.43	34.124	6.01	30	3.43	34.124	6.01	27.16	091	090	0.0379
50	1.76	34.113	5.80	50	1.76	34.113	5.80	27.30	078	078	0.0548
75	1.03	34.122	5.71	75	1.03	34.122	5.71	27.35	072	072	0.0737
89	0.95	34.133	5.61								

GANGWON 867 , STATION 107-02 , 38-12.6. N, 128-42.7. E, APR. 19. 1987, 11:15 KST,
 DEPTH 855 , COLOR 4, TRANS. 11.0, WAVE SE 1, SWELL SE 1, WIND SE 1 , BARO 1013. ,
 AIR TEMP. DRY 13.5, WET , CLOUD. TYPE CI, AMT 04, WEATHER BC

0	12.08	34.520	6.56	0	12.08	34.520	6.56	26.22	180	180	0.0000
10	9.51	34.359	6.85	10	9.51	34.359	6.85	26.55	149	149	0.0164
20	3.93	34.160	6.54	20	3.93	34.160	6.54	27.14	092	092	0.0285
30	2.76	34.098	6.22	30	2.76	34.098	6.22	27.20	087	087	0.0375
50	1.68	34.098	5.90	50	1.68	34.098	5.90	27.29	078	078	0.0541
75	0.99	34.127	5.91	75	0.99	34.127	5.91	27.36	072	072	0.0730
104	0.86	34.105	5.81	100	0.87	34.108	5.82	27.35	073	072	0.0911
130	0.82	34.144	5.50	125	0.82	34.136	5.55	27.38	070	070	0.1090
156	0.66	34.136	5.49	150	0.69	34.137	5.49	27.39	069	069	0.1265
209	0.51	34.134	5.40	200	0.53	34.134	5.41	27.39	068	068	0.1611
261	0.45	34.129	5.50	250	0.46	34.130	5.47	27.40	069	068	0.1954
286	0.45	34.083	5.50	300	0.43	34.090	5.51	27.37	071	071	0.2305
388	0.32	34.135	5.61	400	0.31	34.133	5.59	27.41	067	067	0.3000
489	0.27	34.121	5.50								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GANGWON 867 , STATION 107-03 , 38-12.6. N, 128-50.6. E, APR. 19. 1987, 12:05 KST,
 DEPTH 1120 , COLOR 4, TRANS. 11.5, WAVE SE 2, SWELL SE 1, WIND SE 2 , BARO 1012. ,
 AIR TEMP. DRY 14.0, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	12.37	34.509	6.54	0	12.37	34.509	6.54	26.15	187	186	0.0000
10	11.84	34.511	6.85	10	11.84	34.511	6.85	26.25	177	177	0.0182
20	10.20	34.514	6.82	20	10.20	34.514	6.82	26.55	148	149	0.0345
30	9.45	34.354	6.43	30	9.45	34.354	6.43	26.55	148	149	0.0494
50	7.27	34.232	6.12	50	7.27	34.232	6.12	26.79	126	126	0.0769
75	6.10	34.211	6.23	75	6.10	34.211	6.23	26.93	112	113	0.1070
96	5.92	34.148	6.14	100	5.22	34.142	6.12	26.99	107	108	0.1347
122	1.43	34.115	6.02	125	1.36	34.114	6.00	27.33	075	075	0.1578
144	0.92	34.113	5.92	150	0.88	34.113	5.92	27.36	072	072	0.1763
188	0.69	34.118	5.92	200	0.62	34.112	5.92	27.37	071	071	0.2121
231	0.47	34.099	5.92	250	0.46	34.091	5.82	27.36	071	071	0.2478
290	0.45	34.075	5.61	300	0.43	34.081	5.56	27.36	072	072	0.2838
340	0.38	34.106	5.40	400	0.37	34.111	5.44	27.39	069	069	0.3546
478	0.36	34.119	5.50								

GANGWON 867 , STATION 107-04 , 38-12.6. N, 129-03.5. E, APR. 19. 1987, 13:20 KST,
 DEPTH 1296 , COLOR 4, TRANS. 12.0, WAVE SE 2, SWELL SE 1, WIND SE 2 , BARO 1012. ,
 AIR TEMP. DRY 11.8, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	12.68	34.348	6.64	0	12.68	34.348	6.64	25.97	204	204	0.0000
10	10.04	34.363	6.96	10	10.04	34.363	6.96	26.46	157	157	0.0180
20	8.75	34.280	7.06	20	8.75	34.280	7.06	26.61	143	143	0.0331
30	8.51	34.266	6.64	30	8.51	34.266	6.64	26.64	141	141	0.0473
50	8.37	34.258	6.44	50	8.37	34.258	6.44	26.65	139	140	0.0755
75	7.90	34.243	6.44	75	7.90	34.243	6.44	26.71	133	134	0.1099
100	7.44	34.241	6.33	100	7.44	34.241	6.33	26.78	127	129	0.1429
125	6.79	34.181	6.24	125	6.79	34.181	6.24	26.82	123	125	0.1747
155	5.17	34.176	6.14	150	5.44	34.176	6.15	26.99	107	109	0.2040

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
198	3.95	34.219	5.84	200	3.89	34.216	5.83	27.19	088	089	0.2537
241	2.83	34.170	5.72	250	2.41	34.190	5.69	27.31	077	078	0.2957
284	0.84	34.266	5.61	300	0.80	34.257	5.58	27.48	061	061	0.3306
371	0.67	34.222	5.50	400	0.61	34.204	5.44	27.45	064	064	0.3932
480	0.45	34.156	5.30								

GANGWON 867 , STATION 107-05 , 38-12.6. N, 129-22.3. E, APR. 20. 1987, 11:10 KST,
 DEPTH 1080 , COLOR 4, TRANS. 12.0, WAVE SE 2, SWELL SE 1, WIND SE 2 , BARO 1008. ,
 AIR TEMP. DRY 16.8, WET , CLOUD. TYPE AS, AMT 02, WEATHER B

0	11.77	34.292	6.66	0	11.77	34.292	6.66	26.10	192	191	0.0000
10	9.82	34.368	7.05	10	9.82	34.368	7.05	26.50	153	153	0.0172
20	9.24	34.319	6.75	20	9.24	34.319	6.75	26.56	148	148	0.0323
30	8.86	34.298	6.54	30	8.86	34.298	6.54	26.61	143	144	0.0469
50	8.54	34.274	6.33	50	8.54	34.274	6.33	26.64	140	141	0.0755
75	8.20	34.254	6.23	75	8.20	34.254	6.23	26.67	137	138	0.1105
96	7.43	34.230	5.92	100	7.40	34.228	5.90	26.77	128	129	0.1440
126	7.27	34.216	5.81	125	7.27	34.216	5.81	26.78	127	129	0.1763
141	6.41	34.148	5.81	150	5.94	34.138	5.77	26.90	116	118	0.2072
190	3.88	34.098	5.61	200	3.52	34.095	5.56	27.13	094	095	0.2605
241	2.06	34.085	5.40	250	1.86	34.082	5.39	27.26	081	081	0.3048
289	1.00	34.070	5.39	300	0.94	34.077	5.39	27.32	075	075	0.3442
385	0.52	34.135	5.40	400	0.50	34.134	5.38	27.40	068	068	0.4164
480	0.40	34.133	5.30								

GANGWON 867 , STATION 107-06 , 38-12.6. N, 129-41.1. E, APR. 20. 1987, 12:45 KST,
 DEPTH 882 , COLOR 4, TRANS. 12.5, WAVE SE 2, SWELL SE 1, WIND SE 2 , BARO 1008. ,
 AIR TEMP. DRY 16.0, WET , CLOUD. TYPE AS, AMT 02, WEATHER B

0	11.53	34.320	7.06	0	11.53	34.320	7.06	26.16	185	185	0.0000
10	9.72	34.308	7.37	10	9.72	34.308	7.37	26.47	156	156	0.0170

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
20	9.47	34.284	7.06	20	9.47	34.284	7.06	26.50	154	154	0.0326
30	9.34	34.274	6.96	30	9.34	34.274	6.96	26.51	152	153	0.0480
50	9.20	34.272	6.56	50	9.20	34.272	6.56	26.53	150	151	0.0784
75	8.45	34.263	6.35	75	8.45	34.263	6.35	26.64	140	141	0.1151
100	8.40	34.251	6.33	100	8.40	34.251	6.33	26.64	140	142	0.1505
119	8.10	34.250	6.23	125	8.08	34.250	6.20	26.69	136	137	0.1855
143	8.05	34.251	6.14	150	8.02	34.252	6.12	26.70	134	137	0.2199
190	7.85	34.263	6.02	200	7.23	34.246	5.97	26.81	124	127	0.2861
231	5.34	34.197	5.83	250	4.68	34.145	5.73	27.05	101	103	0.3439
271	3.97	34.089	5.62	300	3.18	34.093	5.61	27.16	091	092	0.3931
381	1.01	34.106	5.61	400	0.91	34.109	5.56	27.35	073	073	0.4762
478	0.54	34.125	5.40								

GANGWON 867 , STATION 107-07 , 38-12.6. N, 130-00.0. E, APR. 20, 1987, 14:15 KST,
 DEPTH 846 , COLOR 4, TRANS. 12.5, WAVE SE 2, SWELL SE 1, WIND SE 2 , BARO 1008. ,
 AIR TEMP. DRY 17.1, WET , CLOUD, TYPE AS, AMT 02, WEATHER B

0	10.68	34.263	6.96	0	10.68	34.263	6.96	26.27	175	175	0.0000
10	10.13	34.262	7.47	10	10.13	34.262	7.47	26.37	166	166	0.0170
20	9.52	34.264	7.06	20	9.52	34.264	7.06	26.47	156	156	0.0332
30	9.33	34.266	6.75	30	9.33	34.266	6.75	26.51	153	153	0.0487
50	8.86	34.276	6.54	50	8.86	34.276	6.54	26.59	145	146	0.0787
75	8.70	34.278	5.92	75	8.70	34.278	5.92	26.62	142	144	0.1149
93	8.50	34.270	6.02	100	8.47	34.269	6.05	26.64	140	141	0.1507
121	8.41	34.266	6.14	125	8.39	34.267	6.13	26.65	139	141	0.1860
147	8.34	34.275	6.13	150	8.32	34.268	6.10	26.67	138	140	0.2213
170	8.21	34.223	5.92	200	7.79	34.195	5.86	26.69	136	139	0.2912
227	7.43	34.171	5.81	250	7.04	34.142	5.73	26.75	129	133	0.3593
284	6.48	34.100	5.62	300	5.73	34.096	5.60	26.89	117	120	0.4228
380	2.02	34.080	5.50	400	1.74	34.088	5.45	27.28	080	081	0.5236
475	0.71	34.118	5.30								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

6月(June)

GYUNGBUG 853 , STATION 107-01 , 38-12.6. N, 128-37.4. E, JUN. 16, 1987, 08:00 KST,
 DEPTH 95 , COLOR 6, TRANS. 4.5, WAVE SE 1, SWELL SE 1, WIND SE 1 , BARO 1014.5,
 AIR TEMP. DRY 16.3, WET , CLOUD, TYPE , AMT 00, WEATHER B

0	16.46	33.888	4.69	0	16.46	33.888	4.69	24.80	315	315	0.0000
10	10.38	34.098	6.12	10	10.38	34.098	6.12	26.20	182	182	0.0248
20	7.90	34.133	4.60	20	7.90	34.133	4.60	26.62	142	142	0.0411
30	5.01	34.121	5.41	30	5.01	34.121	5.41	26.99	107	107	0.0535
50	3.96	34.106	5.31	50	3.96	34.106	5.31	27.10	097	097	0.0740
75	3.10	34.090	5.20	75	3.10	34.090	5.20	27.17	090	090	0.0975
93	2.45	34.086	5.10								

GYUNGBUG 853 , STATION 107-02 , 38-12.6. N, 128-42.7. E, JUN. 16, 1987, 08:35 KST,
 DEPTH 855 , COLOR 6, TRANS. 5.0, WAVE SE 1, SWELL SE 1, WIND SE 1 , BARO 1014.5,
 AIR TEMP. DRY 16.5, WET , CLOUD, TYPE , AMT 00, WEATHER B

0	16.94	33.918	5.20	0	16.94	33.918	5.20	24.71	323	323	0.0000
10	16.87	33.895	5.51	10	16.87	33.895	5.51	24.71	323	323	0.0323
20	12.22	34.104	4.39	20	12.22	34.104	4.39	25.87	214	214	0.0592
30	8.54	34.185	4.39	30	8.54	34.185	4.39	26.57	147	147	0.0773
50	4.48	34.118	5.61	50	4.48	34.118	5.61	27.05	101	101	0.1023
75	2.98	34.095	5.82	75	2.98	34.095	5.82	27.18	089	089	0.1262
94	2.42	34.082	5.20	100	2.28	34.136	5.17	27.27	080	080	0.1474
116	1.94	34.282	5.10	125	1.76	34.225	5.22	27.39	069	070	0.1663
146	1.35	34.093	5.50	150	1.32	34.092	5.49	27.31	076	076	0.1846
194	1.00	34.090	5.41	200	0.97	34.087	5.39	27.33	075	075	0.2227
241	0.81	34.067	5.31	250	0.76	34.072	5.21	27.33	075	074	0.2602
288	0.60	34.098	4.80	300	0.60	34.097	4.83	27.36	072	072	0.2969
382	0.60	34.093	5.10	400	0.58	34.093	5.15	27.36	072	072	0.3691
479	0.52	34.093	5.41								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 107-03 , 38-12.6. N, 128-50.6. E, JUN.16.1987, 09:35 KST,
 DEPTH 1120 , COLOR 6, TRANS. 5.0, WAVE SE 2, SWELL SE 1, WIND SE 2 , BARO 1014.5,
 AIR TEMP. DRY 17.6, WET , CLOUD, TYPE , AMT 00, WEATHER B

0	17.63	33.866	4.08	0	17.63	33.866	4.08	24.51	343	342	0.0000
10	16.34	33.826	5.82	10	16.34	33.826	5.82	24.78	317	317	0.0330
20	15.31	33.864	6.02	20	15.31	33.864	6.02	25.04	292	292	0.0634
30	10.11	34.084	6.22	30	10.11	34.084	6.22	26.23	179	179	0.0871
50	3.76	34.083	5.41	50	3.76	34.083	5.41	27.10	097	097	0.1147
75	1.94	34.049	5.10	75	1.94	34.049	5.10	27.23	084	084	0.1375
100	1.56	34.068	5.00	100	1.56	34.068	5.00	27.28	080	080	0.1581
122	1.54	34.063	5.20	125	1.50	34.064	5.18	27.28	080	080	0.1781
146	1.22	34.071	5.10	150	1.19	34.072	5.10	27.30	077	077	0.1979
197	0.94	34.088	5.10	200	0.93	34.088	5.11	27.33	074	074	0.2360
242	0.81	34.091	5.31	250	0.78	34.092	5.23	27.35	073	073	0.2731
287	0.69	34.097	4.90	300	0.67	34.096	4.92	27.36	072	072	0.3096
376	0.56	34.091	5.10	400	0.52	34.092	5.15	27.36	072	071	0.3819
465	0.44	34.096	5.31								

GYUNGBUG 853 , STATION 107-04 , 38-12.6. N, 129-03.5. E, JUN.16.1987, 11:00 KST,
 DEPTH 1296 , COLOR 3, TRANS. 16.5, WAVE SE 3, SWELL SE 1, WIND SE 3 , BARO 1014.5,
 AIR TEMP. DRY 19.3, WET , CLOUD, TYPE CI, AMT 01, WEATHER B

0	18.02	33.706	5.92	0	18.02	33.706	5.92	24.29	363	363	0.0000
10	17.30	34.059	5.00	10	17.30	34.059	5.00	24.74	321	321	0.0342
20	16.06	34.168	6.94	20	16.06	34.168	6.94	25.11	286	286	0.0646
30	14.64	34.148	5.61	30	14.64	34.148	5.61	25.41	257	258	0.0918
50	14.35	34.236	5.20	50	14.35	34.236	5.20	25.54	245	246	0.1423
75	9.48	34.298	5.20	75	9.48	34.298	5.20	26.51	153	154	0.1924
90	8.35	34.233	5.00	100	7.96	34.212	5.00	26.68	137	138	0.2291
113	7.47	34.186	5.00	125	6.76	34.167	5.05	26.81	124	125	0.2621
136	6.12	34.151	5.10	150	5.87	34.107	5.13	26.88	117	119	0.2928

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

182	5.32	34.007	5.20	200	4.50	34.014	5.16	26.97	109	111	0.3505
229	3.18	34.026	5.10	250	2.50	34.035	5.01	27.18	089	090	0.4010
276	1.67	34.047	4.90	300	1.41	34.058	4.87	27.28	080	080	0.4439
358	0.80	34.085	4.80	400	0.68	34.090	4.98	27.35	073	073	0.5207
448	0.56	34.096	5.20								

GYUNGBUG 853 , STATION 107-05 , 38-12.6. N, 129-22.3. E, JUN.16.1987, 12:55 KST.
 DEPTH 1080 , COLOR 3, TRANS. 19.0, WAVE SE 3, SWELL SE 1, WIND SE 3 , BARO 1014.5,
 AIR TEMP. DRY 21.5, WET , CLOUD, TYPE CI, AMT 02, WEATHER B

0	18.41	34.109	6.00	0	18.41	34.109	6.00	24.50	343	343	0.0000
10	17.05	34.111	5.80	10	17.05	34.111	5.80	24.84	312	312	0.0327
20	14.54	34.148	6.84	20	14.54	34.148	6.84	25.43	255	255	0.0611
30	10.45	34.232	7.04	30	10.45	34.232	7.04	26.29	173	174	0.0826
50	9.42	34.245	6.33	50	9.42	34.245	6.33	26.47	156	157	0.1158
75	8.94	34.241	5.92	75	8.94	34.241	5.92	26.55	149	150	0.1542
100	8.75	34.219	5.10	100	8.75	34.219	5.10	26.56	148	149	0.1917
118	8.51	34.238	5.00	125	8.46	34.233	5.02	26.62	142	144	0.2285
142	8.34	34.221	5.10	150	8.27	34.198	5.13	26.62	142	144	0.2647
195	7.91	34.073	5.31	200	7.80	34.084	5.32	26.60	144	147	0.3378
222	7.36	34.136	5.41	250	6.11	34.089	5.01	26.84	122	125	0.4059
248	6.20	34.091	5.00	300	3.99	34.064	5.34	27.06	100	103	0.4629
325	2.93	34.052	5.51	400	0.93	34.092	5.41	27.34	074	074	0.5518
401	0.91	34.093	5.41								

GYUNGBUG 853 , STATION 107-06 , 38-12.6. N, 129-41.1. E, JUN.16.1987, 14:55 KST.
 DEPTH 882 , COLOR 3, TRANS. 19.5, WAVE SE 3, SWELL SE 1, WIND SE 3 , BARO 1015. ,
 AIR TEMP. DRY 19.4, WET , CLOUD, TYPE CI, AMT 02, WEATHER B

0	18.41	34.169	5.51	0	18.41	34.169	5.51	24.55	339	339	0.0000
10	14.53	34.138	5.41	10	14.53	34.138	5.41	25.42	256	256	0.0297

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
20	12.82	34.148	5.31	20	12.82	34.148	5.31	25.78	221	222	0.0536
30	11.18	34.186	6.33	30	11.18	34.186	6.33	26.12	189	189	0.0742
50	9.37	34.226	5.82	50	9.37	34.226	5.82	26.47	156	157	0.1090
75	9.07	34.215	5.20	75	9.07	34.215	5.20	26.51	153	154	0.1480
90	8.84	34.223	5.20	100	8.77	34.220	5.20	26.56	148	149	0.1860
115	8.67	34.217	5.20	125	8.58	34.212	5.33	26.58	146	148	0.2233
131	8.53	34.209	5.41	150	8.42	34.206	5.70	26.60	144	146	0.2601
164	8.34	34.204	5.92	200	7.69	34.168	6.01	26.68	136	139	0.3316
202	7.66	34.167	6.02	250	6.55	34.114	5.92	26.80	125	128	0.3988
239	6.96	34.123	6.02	300	4.70	34.074	5.51	26.99	107	109	0.4585
300	4.70	34.074	5.51								
370	1.02	34.049	4.79								

GYUNGBUG 853 , STATION 107-07 , 38-12.6, N, 130-00.0, E, JUN. 16, 1987, 16:50 KST,
 DEPTH 846 , COLOR , TRANS. , WAVE SE 3, SWELL SE 2, WIND SE 3 , BARO 1015. ,
 AIR TEMP. DRY 18.6, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	18.83	34.167	4.90	0	18.83	34.167	4.90	24.44	349	349	0.0000
10	15.80	34.158	5.41	10	15.80	34.158	5.41	25.16	281	281	0.0315
20	13.55	34.128	6.12	20	13.55	34.128	6.12	25.62	237	237	0.0574
30	12.42	34.198	6.33	30	12.42	34.198	6.33	25.90	210	211	0.0799
50	9.52	34.231	5.51	50	9.52	34.231	5.51	26.45	158	159	0.1170
75	9.05	34.251	5.51	75	9.05	34.251	5.51	26.54	150	151	0.1558
100	8.86	34.235	5.41	100	8.86	34.235	5.41	26.56	148	150	0.1935
124	8.68	34.220	6.12	125	8.66	34.219	6.12	26.58	146	148	0.2309
148	8.32	34.212	6.12	150	8.30	34.210	6.07	26.62	142	144	0.2675
185	7.95	34.178	5.31	200	7.73	34.177	5.46	26.68	136	139	0.3385
234	7.25	34.177	5.82	250	6.95	34.152	5.75	26.77	127	131	0.4063
283	6.35	34.101	5.61	300	5.31	34.085	5.45	26.93	113	116	0.4682
348	2.41	34.042	5.00	400	1.19	34.083	5.00	27.31	076	077	0.5649
412	0.92	34.093	5.00								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

8月(August)

GANGWON 867 , STATION 107-01 , 38-12.6. N, 128-37.4. E, AUG. 6.1987, 09:00 KST,
 DEPTH 95 , COLOR 5, TRANS. 10.0, WAVE SE 1, SWELL SE 1, WIND , BARO 1001. ,
 AIR TEMP. DRY 25.6, WET , CLOUD, TYPE CI, AMT 08, WEATHER C

0	21.43	32.301	4.90	0	21.43	32.301	4.90	22.34	549	549	0.0000
10	17.85	33.492	5.42	10	17.85	33.492	5.42	24.17	375	375	0.0462
20	15.17	33.827	5.52	20	15.17	33.827	5.52	25.05	292	292	0.0796
30	9.50	33.846	5.73	30	9.50	33.846	5.73	26.15	187	187	0.1036
50	7.12	33.922	5.73	50	7.12	33.922	5.73	26.57	147	147	0.1371
75	4.62	33.983	5.42	75	4.62	33.983	5.42	26.93	113	113	0.1698
92	2.38	33.964	5.84								

GANGWON 867 , STATION 107-02 , 38-12.6. N, 128-42.7. E, AUG. 6.1987, 09:25 KST,
 DEPTH 855 , COLOR 4, TRANS. 10.0, WAVE SE 1, SWELL SE 1, WIND , BARO 1001. ,
 AIR TEMP. DRY 25.9, WET , CLOUD, TYPE CI, AMT 07, WEATHER BC

0	22.26	32.132	5.00	0	22.26	32.132	5.00	21.99	583	583	0.0000
10	18.08	33.559	5.83	10	18.08	33.559	5.83	24.17	375	375	0.0479
20	14.12	33.893	5.63	20	14.12	33.893	5.63	25.32	265	266	0.0800
30	10.55	34.045	5.73	30	10.55	34.045	5.73	26.13	189	189	0.1028
50	4.65	33.993	5.83	50	4.65	33.993	5.83	26.93	112	112	0.1331
75	2.73	33.946	5.71	75	2.73	33.946	5.71	27.09	098	098	0.1595
100	1.17	33.907	5.83	100	1.17	33.907	5.83	27.17	090	089	0.1831
128	0.99	33.938	6.15	125	1.00	33.934	6.11	27.21	087	086	0.2052
150	0.80	33.954	5.93	150	0.80	33.954	5.93	27.23	084	084	0.2266
194	0.49	33.985	5.82	200	0.47	33.984	5.82	27.28	080	079	0.2675
247	0.36	33.979	5.83	250	0.36	33.979	5.81	27.28	079	079	0.3074
293	0.36	33.981	5.63	300	0.36	33.982	5.60	27.28	079	079	0.3470
400	0.36	34.005	5.21	400	0.36	34.005	5.21	27.30	077	077	0.4254
487	0.36	34.036	5.21								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GANGWON 867 , STATION 107-03 , 38-12.6. N, 128-50.6. E, AUG. 6.1987, 10:15 KST,
 DEPTH 1120 , COLOR 4, TRANS. 10.0, WAVE SE 1, SWELL SE 1, WIND , BARO 1001. ,
 AIR TEMP. DRY 26.1, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	21.73	32.976	5.10	0	21.73	32.976	5.10	22.77	508	508	0.0000
10	17.37	33.757	5.74	10	17.37	33.757	5.74	24.49	345	345	0.0426
20	12.79	33.995	5.63	20	12.79	33.995	5.63	25.67	232	232	0.0715
30	7.67	34.010	5.61	30	7.67	34.010	5.61	26.56	148	148	0.0906
50	3.69	33.981	5.73	50	3.69	33.981	5.73	27.02	104	104	0.1159
75	2.10	33.964	5.80	75	2.10	33.964	5.80	27.15	092	092	0.1404
103	1.13	33.951	5.95	100	1.23	33.952	5.93	27.21	087	086	0.1628
127	0.78	33.986	6.04	125	0.80	33.983	6.03	27.26	082	081	0.1839
154	0.42	33.966	5.94	150	0.47	33.968	5.95	27.27	081	080	0.2043
206	0.42	33.978	5.94	200	0.42	33.976	5.94	27.27	080	080	0.2445
255	0.42	34.001	5.73	250	0.42	33.998	5.75	27.29	078	078	0.2841
301	0.42	34.009	5.63	300	0.42	34.008	5.63	27.30	078	077	0.3231
387	0.42	34.030	5.00	400	0.41	34.030	5.04	27.32	076	075	0.3999
485	0.38	34.037	5.31								

GANGWON 867 , STATION 107-04 , 38-12.6. N, 129-03.5. E, AUG. 6.1987, 11:30 KST,
 DEPTH 1296 , COLOR 4, TRANS. 10.0, WAVE SE 1, SWELL SE 1, WIND SE 1 , BARO 1001. ,
 AIR TEMP. DRY 26.0, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	22.10	32.569	5.83	0	22.10	32.569	5.83	22.36	548	547	0.0000
10	15.56	33.822	5.81	10	15.56	33.822	5.81	24.96	300	300	0.0424
20	13.12	33.995	5.52	20	13.12	33.995	5.52	25.61	238	239	0.0694
30	7.25	33.981	5.54	30	7.25	33.981	5.54	26.60	144	144	0.0886
50	2.79	34.000	5.60	50	2.79	34.000	5.60	27.12	094	094	0.1125
75	1.30	33.990	5.69	75	1.30	33.990	5.69	27.23	084	084	0.1349
99	1.02	34.013	5.51	100	1.00	34.011	5.51	27.27	081	081	0.1556
123	0.70	33.965	5.51	125	0.68	33.967	5.51	27.25	082	082	0.1760
148	0.51	34.000	5.52	150	0.50	34.000	5.51	27.29	079	078	0.1962

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	O2	DEPTH	TEMP	SAL	O2	SIGMA-T	D-T	SVA	D-DY

199	0.42	34.010	5.42	200	0.42	34.009	5.42	27.30	077	077	0.2352
249	0.42	34.009	5.42	250	0.42	34.009	5.41	27.30	077	077	0.2740
300	0.42	34.028	5.30	300	0.42	34.028	5.30	27.32	076	076	0.3125
381	0.39	34.027	5.00	400	0.37	34.026	5.04	27.32	076	075	0.3885
475	0.30	34.023	5.21								

GANGWON 867 , STATION 107-05 , 38-12.6. N, 129-22.3. E, AUG. 6.1987, 13:05 KST.
 DEPTH 1080 , COLOR 4, TRANS. 10.0, WAVE SE 1, SWELL SE 1, WIND SE 1 , BARO 1001. ,
 AIR TEMP. DRY 25.7, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	23.09	33.044	5.75	0	23.09	33.044	5.75	22.44	540	540	0.0000
10	17.18	33.495	5.78	10	17.18	33.495	5.78	24.33	360	359	0.0450
20	11.98	33.960	5.66	20	11.98	33.960	5.66	25.80	220	220	0.0740
30	9.52	34.093	5.45	30	9.52	34.093	5.45	26.34	169	169	0.0935
50	5.45	34.086	5.44	50	5.45	34.086	5.44	26.92	114	114	0.1219
75	2.13	34.011	5.53	75	2.13	34.011	5.53	27.19	088	088	0.1474
100	2.11	33.992	5.53	100	2.11	33.992	5.53	27.17	090	090	0.1697
124	0.96	33.999	5.43	125	0.95	33.999	5.43	27.26	081	081	0.1912
149	0.85	34.002	5.43	150	0.84	34.002	5.42	27.27	080	080	0.2115
200	0.70	34.005	5.29	200	0.70	34.005	5.29	27.28	079	079	0.2516
250	0.54	34.055	5.00	250	0.54	34.055	5.00	27.33	075	074	0.2902
299	0.44	34.049	5.21	300	0.43	34.048	5.21	27.33	075	074	0.3276
400	0.27	34.017	5.42	400	0.27	34.017	5.42	27.32	076	076	0.4029
491	0.27	34.028	5.21								

GANGWON 867 , STATION 107-06 , 38-12.6. N, 129-41.1. E, AUG. 6.1987, 14:35 KST.
 DEPTH 882 , COLOR 4, TRANS. 11.0, WAVE SE 2, SWELL SE 1, WIND SE 2 , BARO 1001. ,
 AIR TEMP. DRY 25.0, WET , CLOUD. TYPE CU, AMT 09, WEATHER C

0	23.01	32.440	5.69	0	23.01	32.440	5.69	22.01	581	581	0.0000
10	21.50	32.533	5.73	10	21.50	32.533	5.73	22.50	534	534	0.0558

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
20	15.25	33.633	5.51	20	15.25	33.633	5.51	24.88	307	308	0.0979
30	14.44	34.173	5.20	30	14.44	34.173	5.20	25.47	251	252	0.1260
50	12.09	34.218	5.18	50	12.09	34.218	5.18	25.98	203	204	0.1716
75	9.03	34.062	5.10	75	9.03	34.062	5.10	26.39	163	165	0.2178
100	5.67	34.010	5.31	100	5.67	34.010	5.31	26.83	122	123	0.2539
123	5.23	34.033	5.33	125	5.08	34.031	5.34	26.91	114	115	0.2838
148	3.45	34.009	5.52	150	3.39	34.008	5.50	27.07	099	100	0.3108
201	2.08	33.986	5.19	200	2.10	33.986	5.19	27.17	090	090	0.3586
245	1.48	33.993	4.90	250	1.45	33.993	4.92	27.22	085	085	0.4027
285	1.29	33.994	5.11	300	1.20	33.997	5.14	27.24	083	083	0.4451
375	0.77	34.012	5.32	400	0.67	34.016	5.29	27.29	078	078	0.5262
463	0.45	34.028	5.22								

GANGWON 867 , STATION 107-07 , 38-12.6. N. 130-00.0. E, AUG. 6.1987, 16:05 KST,
 DEPTH 846 , COLOR 3, TRANS. 12.0, WAVE SE 3, SWELL SE 1, WIND SE 3 , BARO 1001. ,
 AIR TEMP. DRY 24.8, WET , CLOUD. TYPE CU, AMT 09, WEATHER C

0	23.04	32.639	5.49	0	23.04	32.639	5.49	22.15	568	567	0.0000
10	20.97	32.701	5.63	10	20.97	32.701	5.63	22.77	509	509	0.0538
20	18.14	33.714	5.21	20	18.14	33.714	5.21	24.27	366	366	0.0976
30	17.16	34.187	4.90	30	17.16	34.187	4.90	24.87	309	309	0.1314
50	15.49	34.281	4.88	50	15.49	34.281	4.88	25.32	265	266	0.1890
75	14.18	34.279	5.09	75	14.18	34.279	5.09	25.61	238	240	0.2524
99	10.81	34.361	5.21	100	10.74	34.355	5.20	26.33	169	171	0.3039
124	9.17	34.221	5.10	125	9.08	34.217	5.11	26.51	153	155	0.3448
149	7.07	34.122	5.42	150	6.99	34.119	5.41	26.74	130	132	0.3808
193	3.98	34.026	5.31	200	3.74	34.020	5.29	27.05	101	103	0.4398
245	2.25	33.987	5.19	250	2.13	33.989	5.17	27.17	090	091	0.4884
280	1.42	34.002	5.09	300	1.28	34.008	5.13	27.25	083	083	0.5320
373	0.80	34.033	5.31	400	0.72	34.029	5.28	27.30	078	078	0.6127
464	0.55	34.020	5.21								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

10月(October)

GANGWON 867 , STATION 107-01 , 38-12.6. N, 128-37.4. E, OCT.22.1987, 09:50 KST.
 DEPTH 95 , COLOR 4, TRANS. 10.0, WAVE NW 1, SWELL NW 1, WIND NW 1 , BARO 1020. ,
 AIR TEMP. DRY 17.0, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	16.60	32.922	5.27	0	16.60	32.922	5.27	24.03	388	388	0.0000
10	15.87	32.846	5.57	10	15.87	32.846	5.57	24.14	378	378	0.0383
20	15.87	32.864	5.37	20	15.87	32.864	5.37	24.15	377	377	0.0761
30	15.37	33.035	5.77	30	15.37	33.035	5.77	24.39	354	354	0.1127
50	3.73	33.656	5.87	50	3.73	33.656	5.87	26.76	129	129	0.1611
75	1.92	33.555	5.97	75	1.92	33.555	5.97	26.84	121	121	0.1925

GANGWON 867 , STATION 107-02 , 38-12.6. N, 128-42.7. E, OCT.22.1987, 10:20 KST.
 DEPTH 855 , COLOR 4, TRANS. 10.5, WAVE NW 1, SWELL NW 1, WIND NW 1 , BARO 1020. ,
 AIR TEMP. DRY 17.2, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	14.72	33.381	5.37	0	14.72	33.381	5.37	24.80	315	315	0.0000
10	14.51	33.366	5.47	10	14.51	33.366	5.47	24.83	312	312	0.0313
20	14.51	33.379	5.77	20	14.51	33.379	5.77	24.84	311	311	0.0625
30	11.11	33.658	5.67	30	11.11	33.658	5.67	25.73	227	227	0.0895
50	3.64	33.676	5.77	50	3.64	33.676	5.77	26.79	126	126	0.1249
75	2.41	33.783	5.97	75	2.41	33.783	5.97	26.98	108	108	0.1543
100	1.06	33.824	6.17	100	1.06	33.824	6.17	27.11	095	095	0.1798
124	0.99	34.128	5.67	125	0.98	34.129	5.67	27.36	072	071	0.2007
153	0.90	34.157	5.67	150	0.90	34.154	5.67	27.39	069	069	0.2184
193	0.77	33.082	5.67	200	0.74	33.210	5.71	26.64	140	140	0.2708
245	0.60	34.040	5.97	250	0.58	34.042	5.95	27.32	076	076	0.3249
292	0.50	34.059	5.87	300	0.48	34.056	5.87	27.34	074	074	0.3625
383	0.36	34.036	5.97	400	0.34	34.038	5.90	27.33	075	074	0.4372
491	0.29	34.051	5.57								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GANGWON 867 , STATION 107-03 , 38-12.6. N, 128-50.6. E, OCT. 22. 1987, 11:20 KST,
 DEPTH 1120 , COLOR 4, TRANS. 11.0, WAVE NW 2, SWELL NW 1, WIND NW 2 , BARO 1020. ,
 AIR TEMP. DRY 17.5, WET , CLOUD, TYPE CI, AMT 01, WEATHER B

0	15.14	33.212	5.67	0	15.14	33.212	5.67	24.58	336	336	0.0000
10	14.89	33.378	5.67	10	14.89	33.378	5.67	24.76	319	319	0.0327
20	10.34	33.934	5.47	20	10.34	33.934	5.47	26.08	194	194	0.0584
30	6.71	33.758	5.57	30	6.71	33.758	5.57	26.50	154	154	0.0758
50	1.49	33.715	5.87	50	1.49	33.715	5.87	27.00	106	106	0.1019
75	1.26	33.799	5.97	75	1.26	33.799	5.97	27.08	098	098	0.1276
99	0.83	33.837	5.77	100	0.82	33.847	5.77	27.15	092	092	0.1514
124	0.82	34.110	5.77	125	0.81	34.110	5.76	27.36	072	072	0.1720
148	0.71	34.126	5.67	150	0.70	34.121	5.67	27.37	070	070	0.1899
197	0.62	34.025	5.67	200	0.61	34.025	5.67	27.30	077	077	0.2270
240	0.50	34.028	5.67	250	0.48	34.030	5.64	27.31	076	076	0.2654
287	0.44	34.040	5.57	300	0.43	34.039	5.54	27.32	075	075	0.3034
389	0.39	34.033	5.37	400	0.38	34.032	5.38	27.32	076	075	0.3789
482	0.37	34.028	5.47								

GANGWON 867 , STATION 107-04 , 38-12.6. N, 129-03.5. E, OCT. 22. 1987, 12:30 KST,
 DEPTH 1296 , COLOR 4, TRANS. 11.0, WAVE NW 3, SWELL NW 1, WIND NW 3 , BARO 1020. ,
 AIR TEMP. DRY 17.8, WET , CLOUD, TYPE CI, AMT 01, WEATHER B

0	16.44	33.335	5.07	0	16.44	33.335	5.07	24.38	355	354	0.0000
10	13.67	33.326	5.67	10	13.67	33.326	5.67	24.98	298	298	0.0326
20	13.10	33.518	5.63	20	13.10	33.518	5.63	25.24	273	273	0.0612
30	11.91	33.643	5.72	30	11.91	33.643	5.72	25.57	242	242	0.0871
50	2.36	33.723	6.02	50	2.36	33.723	6.02	26.94	112	112	0.1226
75	1.66	33.781	5.92	75	1.66	33.781	5.92	27.04	102	102	0.1495
100	1.18	33.798	5.53	100	1.18	33.798	5.53	27.09	098	098	0.1746
124	1.04	34.113	5.43	125	1.03	34.112	5.44	27.35	073	073	0.1961
149	0.79	34.095	5.72	150	0.78	34.093	5.71	27.35	073	073	0.2144

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

197	0.75	34.023	5.63	200	0.74	34.023	5.63	27.29	078	078	0.2524
245	0.59	34.026	5.63	250	0.58	34.027	5.59	27.31	077	077	0.2913
287	0.51	34.036	5.33	300	0.49	34.039	5.34	27.32	076	075	0.3296
371	0.40	34.058	5.43	400	0.37	34.053	5.45	27.34	074	073	0.4044
470	0.31	34.042	5.53								

GANGWON 867 , STATION 107-05 , 38-12.6. N, 129-22.3. E, OCT.22.1987, 14:00 KST,
 DEPTH 1080 , COLOR 4, TRANS. 10.5, WAVE NW 3, SWELL NW 1, WIND NW 3 , BARO 1020. ,
 AIR TEMP. DRY 17.3, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	17.07	33.299	5.43	0	17.07	33.299	5.43	24.21	371	371	0.0000
10	15.83	33.563	5.63	10	15.83	33.563	5.63	24.70	325	325	0.0348
20	14.64	34.091	5.54	20	14.64	34.091	5.54	25.36	261	262	0.0642
30	12.90	34.151	5.43	30	12.90	34.151	5.43	25.77	223	223	0.0885
50	3.45	33.791	6.02	50	3.45	33.791	6.02	26.90	116	116	0.1225
75	1.39	33.785	5.82	75	1.39	33.785	5.82	27.06	100	100	0.1496
97	1.13	33.753	5.62	100	1.10	33.782	5.62	27.08	099	098	0.1745
132	0.84	34.097	5.62	125	0.89	34.028	5.62	27.29	079	079	0.1968
154	0.83	34.088,	5.53	150	0.83	34.089	5.54	27.34	074	073	0.2159
198	0.64	34.026	5.53	200	0.63	34.026	5.53	27.30	077	077	0.2538
249	0.42	34.039	5.72	250	0.41	34.039	5.71	27.33	075	075	0.2920
296	0.40	34.053	5.63	300	0.39	34.053	5.62	27.34	074	074	0.3294
378	0.39	34.069	5.62	400	0.38	34.061	5.62	27.35	073	073	0.4031
461	0.37	34.042	5.63								

GANGWON 867 , STATION 107-06 , 38-12.6. N, 129-41.1. E, OCT.22.1987, 15:35 KST,
 DEPTH 882 , COLOR 4, TRANS. 11.0, WAVE NW 4, SWELL NW 2, WIND NW 4 , BARO 1020. ,
 AIR TEMP. DRY 17.4, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	18.96	33.435	5.13	0	18.96	33.435	5.13	23.85	405	405	0.0000
10	19.67	33.438	5.72	10	19.67	33.438	5.72	23.67	422	422	0.0414

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
20	19.37	33.440	5.44	20	19.37	33.440	5.44	23.75	415	415	0.0833
30	17.34	33.546	5.33	30	17.34	33.546	5.33	24.33	359	360	0.1221
50	10.41	34.096	5.72	50	10.41	34.096	5.72	26.19	183	184	0.1766
75	5.66	33.906	5.63	75	5.66	33.906	5.63	26.75	130	131	0.2159
95	3.36	34.129	5.63	100	3.28	34.128	5.66	27.18	089	089	0.2435
126	2.90	34.126	5.82	125	2.91	34.126	5.81	27.21	086	086	0.2656
150	1.67	34.122	5.92	150	1.67	34.122	5.92	27.31	077	077	0.2861
198	0.95	34.024	5.72	200	0.93	34.024	5.71	27.28	079	079	0.3253
243	0.54	34.026	5.53	250	0.51	34.027	5.53	27.31	077	076	0.3645
289	0.40	34.035	5.53	300	0.40	34.038	5.53	27.33	075	075	0.4025
384	0.40	34.061	5.53	400	0.39	34.058	5.51	27.34	074	073	0.4769
479	0.36	34.045	5.43								

GANGWON 867 , STATION 107-07 , 38-12.6. N, 130-00.0. E, OCT.22.1987, 17:05 KST,
 DEPTH 846 , COLOR , WAVE NW 4, SWELL NW 2, WIND NW 4 , BARO 1020. ,
 AIR TEMP. DRY 17.5, WET , CLOUD, TYPE CI, AMT 02, WEATHER B

0	20.62	33.533	5.23	0	20.62	33.533	5.23	23.50	439	439	0.0000
10	20.61	33.665	5.62	10	20.61	33.665	5.62	23.60	429	429	0.0434
20	20.15	33.763	5.43	20	20.15	33.763	5.43	23.80	411	411	0.0855
30	20.05	33.754	5.24	30	20.05	33.754	5.24	23.82	409	410	0.1266
50	16.51	33.731	5.52	50	16.51	33.731	5.52	24.67	327	328	0.2005
75	11.21	33.820	5.70	75	11.21	33.820	5.70	25.83	217	218	0.2689
98	5.22	33.841	5.82	100	5.10	33.862	5.82	26.78	127	128	0.3123
127	3.59	34.155	5.82	125	3.70	34.133	5.82	27.14	092	093	0.3400
151	2.24	34.144	5.72	150	2.29	34.144	5.72	27.28	079	080	0.3617
197	2.22	34.035	5.63	200	2.17	34.034	5.61	27.20	087	087	0.4038
246	1.51	34.025	5.43	250	1.45	34.026	5.43	27.25	082	083	0.4466
296	0.85	34.039	5.52	300	0.82	34.039	5.52	27.30	077	077	0.4868
396	0.31	34.048	5.72	400	0.30	34.048	5.71	27.34	074	073	0.5627
484	0.24	34.063	5.63								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

12月(December)

GYUNGBUG 853 , STATION 107-01 , 38-12.6. N, 128-37.4. E, DEC. 8, 1987, 16:58 KST,
 DEPTH 101 , COLOR , TRANS. , WAVE SW 1, SWELL SW 0, WIND SW 3 , BARO 1030. ,
 AIR TEMP. DRY 11.5, WET , CLOUD, TYPE NS, AMT 04, WEATHER BC

0	12.29	33.695	6.34	0	12.29	33.695	6.34	25.54	245	245	0.0000
10	12.06	33.663	6.14	10	12.06	33.663	6.14	25.56	243	243	0.0244
20	11.34	33.602	6.13	20	11.34	33.602	6.13	25.64	235	235	0.0484
30	10.73	33.571	5.92	30	10.73	33.571	5.92	25.73	227	227	0.0715
50	8.82	33.570	5.81	50	8.82	33.570	5.81	26.04	197	197	0.1141
75	2.23	33.966	5.73	75	2.23	33.966	5.73	27.14	092	092	0.1504
99	1.43	33.995	5.63								

GYUNGBUG 853 , STATION 107-02 , 38-12.6. N, 128-42.7. E, DEC. 8, 1987, 18:00 KST,
 DEPTH 855 , COLOR , TRANS. , WAVE SW 1, SWELL SW 0, WIND SW 3 , BARO 1030. ,
 AIR TEMP. DRY 10.0, WET , CLOUD, TYPE NS, AMT 04, WEATHER BC

0	12.82	33.662	6.09	0	12.82	33.662	6.09	25.41	257	257	0.0000
10	12.82	33.662	6.00	10	12.82	33.662	6.00	25.41	257	257	0.0257
20	12.75	33.663	5.81	20	12.75	33.663	5.81	25.42	256	256	0.0514
30	12.02	33.706	5.71	30	12.02	33.706	5.71	25.60	239	240	0.0762
50	6.05	34.007	6.02	50	6.05	34.007	6.02	26.78	127	127	0.1130
75	2.82	33.991	6.22	75	2.82	33.991	6.22	27.11	095	095	0.1410
100	1.50	33.959	6.12	100	1.50	33.959	6.12	27.19	088	088	0.1640
125	1.16	33.996	6.12	125	1.16	33.996	6.12	27.25	083	083	0.1854
150	0.93	34.011	6.12	150	0.93	34.011	6.12	27.27	080	080	0.2059
200	0.77	34.027	6.12	200	0.77	34.027	6.12	27.29	078	078	0.2456
250	0.61	34.030	6.13	250	0.61	34.030	6.13	27.31	077	077	0.2845
300	0.52	34.032	6.12	300	0.52	34.032	6.12	27.31	076	076	0.3229
400	0.44	34.039	5.92	400	0.44	34.039	5.92	27.32	075	075	0.3989
500	0.36	34.039	5.82	500	0.36	34.039	5.82	27.33	074	074	0.4740

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 107-03 , 38-12.6. N. 128-50.6. E. DEC. 8. 1987, 19:08 KST,
 DEPTH 1120 , COLOR , TRANS. , WAVE SW 3, SWELL SW 1, WIND SW 3 , BARO 1030. ,
 AIR TEMP. DRY 8.9, WET , CLOUD, TYPE NS, AMT 03, WEATHER BC

0	12.57	33.665	5.92	0	12.57	33.665	5.92	25.46	252	252	0.0000
10	12.59	33.665	6.22	10	12.59	33.665	6.22	25.46	253	253	0.0252
20	12.56	33.669	6.12	20	12.56	33.669	6.12	25.46	252	252	0.0505
30	11.43	33.951	6.13	30	11.43	33.951	6.13	25.90	211	211	0.0737
50	5.49	34.045	6.14	50	5.49	34.045	6.14	26.88	118	118	0.1067
75	2.41	33.975	6.03	75	2.41	33.975	6.03	27.14	093	093	0.1332
100	1.23	33.967	6.02	100	1.23	33.967	6.02	27.22	085	085	0.1557
125	1.04	33.993	5.92	125	1.04	33.993	5.92	27.25	082	082	0.1767
150	0.95	34.009	5.92	150	0.95	34.009	5.92	27.27	080	080	0.1972
200	0.80	34.022	5.82	200	0.80	34.022	5.82	27.29	079	078	0.2371
250	0.68	34.028	6.12	250	0.68	34.028	6.12	27.30	077	077	0.2763
300	0.59	34.031	5.82	300	0.59	34.031	5.82	27.31	077	076	0.3150
400	0.44	34.035	5.82	400	0.44	34.035	5.82	27.32	076	075	0.3913
500	0.40	34.040	5.92	500	0.40	34.040	5.92	27.33	075	075	0.4667

GYUNGBUG 853 , STATION 107-04 , 38-12.6. N. 129-03.5. E. DEC. 8. 1987, 20:43 KST,
 DEPTH 1296 , COLOR , TRANS. , WAVE SW 2, SWELL SW 0, WIND SW 2 , BARO 1030. ,
 AIR TEMP. DRY 7.9, WET , CLOUD, TYPE NS, AMT 02, WEATHER B

0	12.30	33.710	5.81	0	12.30	33.710	5.81	25.55	244	244	0.0000
10	12.31	33.708	5.93	10	12.31	33.708	5.93	25.54	244	244	0.0244
20	12.27	33.708	5.71	20	12.27	33.708	5.71	25.55	244	244	0.0489
30	12.01	33.696	5.81	30	12.01	33.696	5.81	25.59	240	240	0.0731
50	5.91	34.189	5.80	50	5.91	34.189	5.80	26.94	112	112	0.1084
75	2.22	33.900	5.80	75	2.22	33.900	5.80	27.09	097	097	0.1347
100	1.18	33.981	5.89	100	1.18	33.981	5.89	27.23	084	084	0.1575
125	1.02	33.997	5.93	125	1.02	33.997	5.93	27.26	082	082	0.1784
150	0.90	34.012	6.03	150	0.90	34.012	6.03	27.27	080	080	0.1987

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

200	0.75	34.025	6.22	200	0.75	34.025	6.22	27.29	078	078	0.2383
250	0.64	34.029	6.12	250	0.64	34.029	6.12	27.30	077	077	0.2773
300	0.56	34.030	6.13	300	0.56	34.030	6.13	27.31	077	076	0.3159
400	0.46	34.036	6.12	400	0.46	34.036	6.12	27.32	076	075	0.3922
500	0.40	34.039	6.12	500	0.40	34.039	6.12	27.33	075	075	0.4676

GYUNGBUG 853 , STATION 107-05 , 38-12.6. N, 129-22.3. E, DEC. 8.1987, 22:43 KST,
 DEPTH 1080 , COLOR , TRANS. , WAVE SW 1, SWELL SW 0, WIND SW 2 , BARO 1030. ,
 AIR TEMP. DRY 7.5, WET , CLOUD. TYPE NS, AMT 02, WEATHER B

0	12.59	33.655	5.51	0	12.59	33.655	5.51	25.45	253	253	0.0000
10	12.45	33.715	5.71	10	12.45	33.715	5.71	25.52	246	246	0.0250
20	12.13	33.807	5.82	20	12.13	33.807	5.82	25.65	234	234	0.0490
30	12.51	34.327	6.02	30	12.51	34.327	6.02	25.98	203	203	0.0709
50	7.82	34.155	5.92	50	7.82	34.155	5.92	26.65	139	139	0.1053
75	3.71	34.054	5.71	75	3.71	34.054	5.71	27.08	098	099	0.1352
100	2.08	33.992	6.02	100	2.08	33.992	6.02	27.18	089	089	0.1588
125	1.34	33.983	5.92	125	1.34	33.983	5.92	27.22	085	085	0.1807
150	0.87	33.988	5.92	150	0.87	33.988	5.92	27.26	082	081	0.2016
200	0.62	34.006	5.71	200	0.62	34.006	5.71	27.29	079	079	0.2419
250	0.58	34.016	6.12	250	0.58	34.016	6.12	27.30	078	078	0.2812
300	0.57	34.028	5.92	300	0.57	34.028	5.92	27.31	077	077	0.3199
400	0.50	34.035	5.82	400	0.50	34.035	5.82	27.32	076	076	0.3965
500	0.41	34.036	5.71	500	0.41	34.036	5.71	27.32	075	075	0.4723

GYUNGBUG 853 , STATION 107-06 , 38-12.6. N, 129-41.1. E, DEC. 9.1987, 01:05 KST,
 DEPTH 882 , COLOR , TRANS. , WAVE SW 1, SWELL SW 0, WIND SW 2 , BARO 1030. ,
 AIR TEMP. DRY 7.1, WET , CLOUD. TYPE NS, AMT 02, WEATHER B

0	15.55	33.845	5.50	0	15.55	33.845	5.50	24.98	298	298	0.0000
10	15.54	33.844	5.10	10	15.54	33.844	5.10	24.98	298	298	0.0298

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
20	15.54	33.845	5.61	20	15.54	33.845	5.61	24.98	298	298	0.0597
30	15.57	33.843	5.71	30	15.57	33.843	5.71	24.97	299	299	0.0896
50	15.48	33.851	5.61	50	15.48	33.851	5.61	25.00	296	297	0.1494
75	10.32	33.775	5.61	75	10.32	33.775	5.61	25.96	205	206	0.2125
100	5.25	34.088	5.51	100	5.25	34.088	5.51	26.94	112	112	0.2525
125	3.45	34.036	5.61	125	3.45	34.036	5.61	27.09	097	098	0.2789
150	1.76	34.017	5.92	150	1.76	34.017	5.92	27.22	085	085	0.3019
200	0.85	33.999	5.82	200	0.85	33.999	5.82	27.27	081	081	0.3436
250	0.72	34.023	5.92	250	0.72	34.023	5.92	27.29	078	078	0.3835
300	0.61	34.031	5.92	300	0.61	34.031	5.92	27.31	077	077	0.4224
400	0.47	34.035	5.71	400	0.47	34.035	5.71	27.32	076	075	0.4989
500	0.38	34.036	5.82	500	0.38	34.036	5.82	27.32	075	075	0.5744

GYUNGBUG 853 ; STATION 107-07 , 38-12.6. N, 130-00.0. E, DEC. 9.1987, 03:07 KST.
 DEPTH 846 , COLOR , TRANS. , WAVE SW 1, SWELL SW 1, WIND SW 2 , BARO 1030. ,
 AIR TEMP. DRY 5.8, WET , CLOUD. TYPE NS, AMT 02. WEATHER B

0	15.76	33.845	5.51	0	15.76	33.845	5.51	24.93	303	302	0.0000
10	15.77	33.844	5.71	10	15.77	33.844	5.71	24.93	303	303	0.0303
20	15.77	33.845	6.01	20	15.77	33.845	6.01	24.93	303	303	0.0606
30	15.77	33.843	5.92	30	15.77	33.843	5.92	24.93	303	304	0.0910
50	15.65	33.851	5.71	50	15.65	33.851	5.71	24.96	300	301	0.1516
75	14.08	33.775	5.71	75	14.08	33.775	5.71	25.24	273	275	0.2237
100	14.02	34.088	5.82	100	14.02	34.088	5.82	25.49	249	251	0.2896
125	10.11	34.036	5.72	125	10.11	34.036	5.72	26.20	182	185	0.3443
150	4.39	34.017	5.61	150	4.39	34.017	5.61	26.98	108	109	0.3811
200	1.46	33.999	5.51	200	1.46	33.999	5.51	27.23	084	085	0.4297
250	0.89	34.023	5.71	250	0.89	34.023	5.71	27.28	079	079	0.4709
300	0.69	34.031	5.81	300	0.69	34.031	5.81	27.30	077	077	0.5101
400	0.51	34.035	5.61	400	0.51	34.035	5.61	27.32	076	076	0.5870
500	0.38	34.036	5.51	500	0.38	34.036	5.61	27.32	075	075	0.6627

106 線 海洋觀測 成績 Oceanographic Data. Line 106

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

3 月(March)

GANGWON 867 , STATION 106-02 , 37-53.7. N, 128-52.5. E, MAR. 16. 1987, 10:10 KST,
 DEPTH 58 , COLOR 4, TRANS. 14.0, WAVE NE 2, SWELL NE 1, WIND NE 2 , BARO 1014. ,
 AIR TEMP. DRY 8.6, WET , CLOUD. TYPE CI, AMT 04, WEATHER BC

0	8.42	34.259	7.18	0	8.42	34.259	7.18	26.64	140	139	0.0000
10	8.42	34.308	7.48	10	8.42	34.308	7.48	26.68	136	136	0.0138
20	8.25	34.273	7.08	20	8.25	34.273	7.08	26.68	136	136	0.0274
30	8.17	34.272	6.88	30	8.17	34.272	6.88	26.69	135	135	0.0411
50	6.74	34.208	6.07	50	6.74	34.208	6.07	26.85	121	121	0.0668

GANGWON 867 , STATION 106-03 , 37-53.7. N, 128-57.2. E, MAR. 16. 1987, 11:10 KST,
 DEPTH 320 , COLOR 4, TRANS. 14.5, WAVE NE 2, SWELL NE 1, WIND NE 2 , BARO 1014. ,
 AIR TEMP. DRY 8.8, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	8.49	34.310	7.18	0	8.49	34.310	7.18	26.67	137	137	0.0000
10	8.08	34.311	7.28	10	8.08	34.311	7.28	26.74	131	131	0.0134
20	7.99	34.270	7.08	20	7.99	34.270	7.08	26.72	133	133	0.0266
30	7.77	34.193	6.98	30	7.77	34.193	6.98	26.69	135	136	0.0401
50	4.93	34.100	6.68	50	4.93	34.100	6.68	26.99	107	107	0.0645
75	3.60	34.099	6.27	75	3.60	34.099	6.27	27.13	094	094	0.0898
100	2.06	34.095	6.27	100	2.06	34.095	6.27	27.26	081	082	0.1119
126	1.45	34.087	6.07	125	1.47	34.087	6.07	27.30	078	078	0.1320
147	1.19	34.076	6.17	150	1.15	34.077	6.17	27.31	077	077	0.1514
180	0.83	34.093	6.27	200	0.82	34.096	6.19	27.35	073	073	0.1890
233	0.82	34.102	6.07	250	0.75	34.103	6.00	27.36	072	072	0.2255
285	0.62	34.106	5.87								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
GANGWON 867 , STATION 106-04 , 37-53.7. N, 129-03.8. E, MAR.16.1987, 12:15 KST,											
DEPTH 710 , COLOR 4, TRANS. 15.0, WAVE NE 3, SWELL NE 2, WIND NE 3 , BARO 1014. ,											
AIR TEMP. DRY 8.8, WET , CLOUD. TYPE CI, AMT 04, WEATHER BC											
0	7.80	34.251	7.08	0	7.80	34.251	7.08	26.73	131	131	0.0000
10	7.69	34.308	7.28	10	7.69	34.308	7.28	26.79	126	126	0.0128
20	7.18	34.210	7.08	20	7.18	34.210	7.08	26.79	126	126	0.0255
30	5.84	34.158	6.88	30	5.84	34.158	6.88	26.92	113	113	0.0375
50	4.42	34.066	6.58	50	4.42	34.066	6.58	27.02	104	105	0.0594
75	3.70	34.077	6.58	75	3.70	34.077	6.58	27.10	097	097	0.0847
100	2.66	34.067	6.58	100	2.66	34.067	6.58	27.19	088	088	0.1080
120	1.14	34.072	6.47	125	1.11	34.075	6.37	27.31	076	076	0.1287
140	1.05	34.085	6.07	150	1.01	34.086	6.02	27.33	075	075	0.1477
186	0.89	34.090	5.87	200	0.84	34.088	5.84	27.34	074	074	0.1851
242	0.72	34.085	5.77	250	0.68	34.086	5.77	27.35	073	073	0.2220
285	0.53	34.095	5.77	300	0.50	34.095	5.77	27.37	071	071	0.2582
389	0.39	34.100	5.77	400	0.38	34.101	5.75	27.38	070	070	0.3292
492	0.36	34.112	5.67								

GYUNGBUG 853 , STATION 106-05 , 37-53.7. N, 129-22.1. E, MAR.28.1987, 10:30 KST,											
DEPTH 1120 , COLOR 4, TRANS. 15.0, WAVE SW 1, SWELL SW 1, WIND SW 4 , BARO 1028. ,											
AIR TEMP. DRY 8.0, WET , CLOUD. TYPE AS, AMT 03, WEATHER BC											
0	8.04	34.475	7.08	0	8.04	34.475	7.08	26.87	118	118	0.0000
10	8.39	34.455	7.18	10	8.39	34.455	7.18	26.80	125	125	0.0121
20	8.33	34.412	7.08	20	8.33	34.412	7.08	26.78	127	127	0.0248
30	8.24	34.265	6.98	30	8.24	34.265	6.98	26.68	137	137	0.0380
50	8.20	34.217	6.88	50	8.20	34.217	6.88	26.65	140	140	0.0658
75	7.10	34.234	6.68	75	7.10	34.234	6.68	26.82	123	124	0.0990
103	6.16	34.210	6.68	100	6.26	34.212	6.68	26.91	114	115	0.1290
127	3.40	34.140	6.48	125	3.63	34.145	6.49	27.16	091	091	0.1550
148	2.09	34.138	6.28	150	2.06	34.136	6.27	27.29	078	079	0.1764

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	O2	DEPTH	TEMP	SAL	O2	SIGMA-T	D-T	SVA	D-DY
188	1.56	34.099	6.18	200	1.47	34.089	6.15	27.30	078	078	0.2158
242	1.17	34.054	6.07	250	1.13	34.063	6.07	27.30	078	078	0.2549
290	0.96	34.109	6.07	300	0.95	34.111	6.05	27.35	073	073	0.2927
387	0.87	34.133	5.97	400	0.80	34.129	5.92	27.37	071	071	0.3649
483	0.42	34.106	5.67								

GYUNGBUG 853 , STATION 106-06 , 37-53.7. N, 129-41.3. E, MAR. 28, 1987, 12:30 KST,
 DEPTH 1620 , COLOR 4, TRANS. 15.0, WAVE 0, SWELL SW 1, WIND SW 3 , BARO 1026.5,
 AIR TEMP. DRY 8.3, WET , CLOUD, TYPE AS, AMT 08, WEATHER C

0	8.31	34.474	7.18	0	8.31	34.474	7.18	26.83	122	122	0.0000
10	8.49	34.388	6.98	10	8.49	34.388	6.98	26.73	131	131	0.0126
20	8.55	34.390	6.78	20	8.55	34.390	6.78	26.73	132	132	0.0258
30	8.52	34.369	6.78	30	8.52	34.369	6.78	26.72	133	133	0.0392
50	8.46	34.350	6.68	50	8.46	34.350	6.68	26.71	134	134	0.0660
75	8.41	34.373	6.47	75	8.41	34.373	6.47	26.74	131	132	0.0994
99	8.00	34.306	6.27	100	7.97	34.302	6.27	26.75	130	131	0.1325
123	7.28	34.215	6.27	125	7.17	34.206	6.27	26.79	126	128	0.1651
140	6.36	34.141	6.27	150	5.81	34.136	6.25	26.91	114	116	0.1957
192	3.52	34.117	6.17	200	3.49	34.111	6.15	27.15	092	093	0.2483
242	3.36	34.083	6.07	250	3.25	34.082	6.07	27.15	092	094	0.2952
292	2.71	34.077	6.07	300	2.55	34.078	6.05	27.21	086	088	0.3408
396	0.63	34.095	5.87	400	0.62	34.094	5.86	27.36	072	072	0.4211
500	0.61	34.080	5.67	500	0.61	34.080	5.67	27.35	073	073	0.4940

GYUNGBUG 853 , STATION 106-07 , 37-53.7. N, 130-00.0. E, MAR. 28, 1987, 18:15 KST,
 DEPTH 1060 , COLOR , TRANS. , WAVE SW 1, SWELL SW 1, WIND SW 4 , BARO 1024. ,
 AIR TEMP. DRY 9.0, WET , CLOUD, TYPE AS, AMT 08, WEATHER C

0	8.58	34.442	6.97	0	8.58	34.442	6.97	26.76	128	128	0.0000
10	8.70	34.313	6.88	10	8.70	34.313	6.88	26.64	140	140	0.0134

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
20	8.69	34.438	6.58	20	8.69	34.438	6.58	26.74	130	130	0.0270
30	8.62	34.343	6.47	30	8.62	34.343	6.47	26.68	136	137	0.0404
50	8.26	34.217	6.27	50	8.26	34.217	6.27	26.64	141	141	0.0682
75	8.18	34.158	6.27	75	8.18	34.158	6.27	26.60	144	145	0.1041
101	8.17	34.026	6.07	100	8.17	34.031	6.07	26.50	153	154	0.1416
122	7.85	34.025	6.07	125	7.81	34.022	6.04	26.55	149	150	0.1799
145	7.60	34.007	5.87	150	7.38	34.011	5.88	26.60	144	146	0.2170
191	5.64	34.046	5.97	200	5.23	34.041	5.95	26.90	115	117	0.2830
237	3.59	34.021	5.87	250	3.44	34.021	5.84	27.08	098	100	0.3374
291	3.00	34.025	5.77	300	2.77	34.032	5.77	27.15	092	093	0.3859
380	0.75	34.099	5.77	400	0.72	34.104	5.72	27.36	072	072	0.4689
468	0.62	34.124	5.57								

GYUNGBUG 853 , STATION 106-08 , 37-53.7. N, 130-18.9. E, MAR. 28, 1987, 20:15 KST,
 DEPTH 1800 , COLOR , TRANS. , WAVE SW 1, SWELL SW 1, WIND SW 4 , BARO 1024. ,
 AIR TEMP. DRY 8.5, WET , CLOUD, TYPE AS, AMT 03, WEATHER BC

0	8.40	34.241	6.58	0	8.40	34.241	6.58	26.63	141	140	0.0000
10	8.45	34.264	6.88	10	8.45	34.264	6.88	26.64	140	140	0.0140
20	8.39	34.420	6.68	20	8.39	34.420	6.68	26.78	127	127	0.0274
30	8.32	34.354	6.58	30	8.32	34.354	6.58	26.73	131	131	0.0404
50	8.24	34.244	6.58	50	8.24	34.244	6.58	26.66	138	139	0.0675
75	7.97	34.248	6.47	75	7.97	34.248	6.47	26.70	134	135	0.1019
100	7.05	34.193	6.37	100	7.05	34.193	6.37	26.79	126	127	0.1348
115	6.91	34.120	6.37	125	6.75	34.124	6.33	26.78	127	128	0.1668
140	6.52	34.130	6.28	150	5.98	34.139	6.25	26.89	116	118	0.1978
189	3.92	34.177	6.17	200	3.48	34.167	6.12	27.19	088	089	0.2497
238	1.97	34.134	5.97	250	1.91	34.129	5.94	27.30	078	078	0.2918
284	1.77	34.117	5.87	300	1.56	34.112	5.83	27.31	077	077	0.3309
367	0.70	34.095	5.67	400	0.68	34.113	5.67	27.37	071	071	0.4054
449	0.67	34.140	5.67								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 106-09 , 37-53.7. N, 130-37.7. E, MAR. 28. 1987, 22:15 KST,
 DEPTH 2250 , COLOR , TRANS. , WAVE SW 3, SWELL SW 1, WIND SW 5 , BARO 1024. ,
 AIR TEMP. DRY 8.0, WET , CLOUD. TYPE AS, AMT 03, WEATHER BC

0	7.85	34.400	6.47	0	7.85	34.400	6.47	26.84	121	121	0.0000
10	7.84	34.172	6.58	10	7.84	34.172	6.58	26.66	138	138	0.0129
20	7.81	34.171	6.88	20	7.81	34.171	6.88	26.67	138	138	0.0268
30	6.96	34.132	6.78	30	6.96	34.132	6.78	26.76	129	129	0.0401
50	6.78	34.080	6.68	50	6.78	34.080	6.68	26.74	131	131	0.0663
75	6.44	34.114	6.68	75	6.44	34.114	6.68	26.81	124	125	0.0983
100	6.43	34.224	6.47	100	6.43	34.224	6.47	26.90	115	117	0.1286
120	5.96	34.140	6.47	125	5.75	34.131	6.40	26.91	114	115	0.1577
144	4.99	34.101	6.17	150	4.67	34.105	6.15	27.02	104	105	0.1854
193	2.40	34.138	6.07	200	2.31	34.142	6.02	27.28	080	080	0.2321
241	1.79	34.166	5.77	250	1.64	34.156	5.75	27.34	074	074	0.2710
289	1.01	34.113	5.67	300	0.99	34.108	5.64	27.35	073	073	0.3081
385	0.84	34.072	5.46	400	0.83	34.083	5.44	27.34	074	074	0.3823
480	0.81	34.143	5.36								

GYUNGBUG 853 , STATION 106-10 , 37-53.7. N, 130-56.5. E, MAR. 29. 1987, 00:15 KST,
 DEPTH 1980 , COLOR , TRANS. , WAVE SW 2, SWELL SW 2, WIND SW 5 , BARO 1024. ,
 AIR TEMP. DRY 7.5, WET , CLOUD. TYPE AS, AMT 03, WEATHER BC

0	7.79	34.138	6.58	0	7.79	34.138	6.58	26.64	140	139	0.0000
10	7.67	34.142	6.98	10	7.67	34.142	6.98	26.66	138	138	0.0139
20	7.56	34.152	6.78	20	7.56	34.152	6.78	26.69	136	136	0.0276
30	6.87	34.183	6.78	30	6.87	34.183	6.78	26.81	124	124	0.0406
50	6.67	34.251	6.68	50	6.67	34.251	6.68	26.89	116	117	0.0648

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
75	6.64	34.188	6.58	75	6.64	34.188	6.58	26.84	121	122	0.0947
100	6.47	34.078	6.47	100	6.47	34.078	6.47	26.78	127	128	0.1260
128	5.31	34.007	6.37	125	5.43	34.014	6.38	26.86	119	120	0.1572
153	3.50	34.013	6.07	150	3.71	34.012	6.10	27.05	102	102	0.1852
196	2.07	34.039	6.07	200	2.02	34.045	6.05	27.22	085	085	0.2324
244	1.49	34.111	5.87	250	1.47	34.115	5.84	27.32	076	076	0.2730
292	1.34	34.145	5.67	300	1.29	34.145	5.66	27.36	072	073	0.3104
387	0.81	34.148	5.57	400	0.80	34.149	5.55	27.39	069	069	0.3817
480	0.77	34.157	5.46								

GYUNGBUG 853 , STATION 106-11 , 37-53.7. N, 131-15.1. E, MAR. 29. 1987, 02:15 KST,
 DEPTH 2070 , COLOR , TRANS. , WAVE SW 2, SWELL SW 2, WIND SW 5 , BARO 1024. ,
 AIR TEMP. DRY 7.5, WET , CLOUD. TYPE AS, AMT 03. WEATHER BC

0	7.60	34.234	6.58	0	7.60	34.234	6.58	26.75	130	130	0.0000
10	7.56	34.174	6.88	10	7.56	34.174	6.88	26.71	134	134	0.0132
20	7.54	34.195	6.68	20	7.54	34.195	6.68	26.73	132	132	0.0265
30	7.50	34.220	6.78	30	7.50	34.220	6.78	26.75	130	130	0.0397
50	7.00	34.189	6.68	50	7.00	34.189	6.68	26.80	125	126	0.0653
75	6.66	34.156	6.58	75	6.66	34.156	6.58	26.82	123	124	0.0967
100	6.53	34.168	6.47	100	6.53	34.168	6.47	26.84	121	122	0.1276
121	6.42	34.154	6.27	125	6.05	34.156	6.23	26.90	116	117	0.1576
151	3.71	34.176	5.97	150	3.80	34.175	5.98	27.17	090	091	0.1838
204	2.11	34.126	5.97	200	2.23	34.129	5.97	27.27	080	081	0.2269
248	1.01	34.159	5.87	250	1.00	34.159	5.86	27.39	069	069	0.2647
292	0.84	34.163	5.67	300	0.83	34.158	5.67	27.40	068	068	0.2994
379	0.81	34.119	5.67	400	0.79	34.117	5.61	27.37	071	071	0.3698
466	0.73	34.111	5.46								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

4 月(April)

GANGWON 867 , STATION 106-02 , 37-53.7. N, 128-52.5. E, APR. 21, 1987, 06:40 KST,
 DEPTH 58 , COLOR , TRANS. , WAVE SW 3, SWELL SW 1, WIND SW 3 , BARO 999.5,
 AIR TEMP. DRY 14.3, WET , CLOUD. TYPE CU, AMT 10, WEATHER C

0	12.24	34.382	6.67	0	12.24	34.382	6.67	26.08	194	193	0.0000
10	11.36	34.374	7.16	10	11.36	34.374	7.16	26.24	178	178	0.0186
20	6.80	34.315	6.23	20	6.80	34.315	6.23	26.92	113	113	0.0332
30	3.90	34.259	6.01	30	3.90	34.259	6.01	27.22	085	085	0.0432
50	2.44	34.152	5.89	50	2.44	34.152	5.89	27.27	080	080	0.0597

GANGWON 867 , STATION 106-03 , 37-53.7. N, 128-57.2. E, APR. 21, 1987, 06:00 KST,
 DEPTH 320 , COLOR , TRANS. , WAVE SW 3, SWELL SW 1, WIND SW 3 , BARO 1001. ,
 AIR TEMP. DRY 14.5, WET , CLOUD. TYPE CU, AMT 10, WEATHER C

0	10.82	34.400	6.64	0	10.82	34.400	6.64	26.36	167	167	0.0000
10	9.88	34.422	7.27	10	9.88	34.422	7.27	26.54	150	150	0.0158
20	9.11	34.363	6.75	20	9.11	34.363	6.75	26.62	142	142	0.0305
30	8.60	34.296	6.56	30	8.60	34.296	6.56	26.65	140	140	0.0447
50	6.75	34.206	6.44	50	6.75	34.206	6.44	26.84	121	121	0.0709
75	5.75	34.148	6.23	75	5.75	34.148	6.23	26.93	113	114	0.1003
102	4.95	34.156	6.14	100	5.00	34.155	6.14	27.02	104	105	0.1278
123	4.95	34.153	5.91	125	4.71	34.152	5.88	27.05	101	102	0.1537
147	2.08	34.148	5.61	150	2.02	34.147	5.61	27.30	077	077	0.1763
196	1.20	34.144	5.61	200	1.15	34.144	5.59	27.36	071	072	0.2138
247	0.63	34.145	5.40	250	0.61	34.145	5.40	27.40	068	068	0.2489
293	0.46	34.157	5.41								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GANGWON 867 , STATION 106-04 , 37-53.7. N, 129-03.8. E, APR. 21. 1987, 05:20 KST,
 DEPTH 710 , COLOR , TRANS. , WAVE SW 1, SWELL SW 1, WIND SW 1 , BARO 1001.5,
 AIR TEMP. DRY 14.0, WET , CLOUD, TYPE CU, AMT 10, WEATHER C

0	11.30	34.377	6.75	0	11.30	34.377	6.75	26.25	177	177	0.0000
10	9.80	34.367	7.37	10	9.80	34.367	7.37	26.51	153	153	0.0165
20	9.50	34.353	6.64	20	9.50	34.353	6.64	26.55	149	149	0.0316
30	8.46	34.302	6.63	30	8.46	34.302	6.63	26.67	137	137	0.0460
50	8.19	34.274	6.62	50	8.19	34.274	6.62	26.69	135	136	0.0734
75	7.75	34.243	6.42	75	7.75	34.243	6.42	26.73	131	132	0.1071
97	6.69	34.173	6.54	100	6.43	34.169	6.51	26.86	120	121	0.1388
122	4.60	34.141	6.33	125	4.44	34.137	6.26	27.07	099	100	0.1666
147	3.29	34.114	5.81	150	3.21	34.113	5.80	27.18	089	090	0.1905
193	2.09	34.109	5.71	200	1.92	34.112	5.68	27.28	079	080	0.2331
244	0.87	34.133	5.50	250	0.83	34.133	5.48	27.38	070	070	0.2708
294	0.57	34.135	5.39	300	0.55	34.135	5.38	27.39	069	068	0.3057
392	0.40	34.142	5.29	400	0.39	34.142	5.29	27.41	067	067	0.3738
490	0.35	34.152	5.30								

GANGWON 867 , STATION 106-05 , 37-53.7. N, 129-22.1. E, APR. 21. 1987, 03:45 KST,
 DEPTH 1120 , COLOR , TRANS. , WAVE SW 1, SWELL SW 1, WIND SW 1 , BARO 1001.5,
 AIR TEMP. DRY 14.1, WET , CLOUD, TYPE , AMT , WEATHER

0	11.52	34.389	6.87	0	11.52	34.389	6.87	26.22	180	180	0.0000
10	10.23	34.380	7.06	10	10.23	34.380	7.06	26.44	159	159	0.0169
20	9.93	34.374	7.06	20	9.93	34.374	7.06	26.49	154	154	0.0326
30	9.49	34.343	6.96	30	9.49	34.343	6.96	26.54	150	150	0.0479
50	8.66	34.318	6.96	50	8.66	34.318	6.96	26.65	139	140	0.0770
75	8.15	34.278	6.54	75	8.15	34.278	6.54	26.70	134	135	0.1114
100	7.58	34.234	6.54	100	7.58	34.234	6.54	26.75	130	131	0.1449
119	6.81	34.195	6.44	125	6.20	34.170	6.35	26.89	117	118	0.1761
133	5.40	34.137	6.23	150	4.60	34.127	6.12	27.04	102	103	0.2039

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
185	2.98	34.107	5.92	200	2.50	34.104	5.86	27.23	084	085	0.2511
236	1.38	34.099	5.72	250	1.23	34.106	5.68	27.33	075	075	0.2913
286	0.85	34.126	5.61	300	0.79	34.131	5.59	27.38	070	070	0.3279
385	0.45	34.165	5.50	400	0.43	34.155	5.48	27.42	066	066	0.3965
483	0.38	34.103	5.40								

GANGWON 867 , STATION 106-06 , 37-53.7. N, 129-41.3. E, APR. 21. 1987, 02:20 KST,
 DEPTH 1620 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 2 , BARO 1002. ,
 AIR TEMP. DRY 14.4, WET , CLOUD. TYPE , AMT , WEATHER

0	11.64	34.381	6.97	0	11.64	34.381	6.97	26.19	183	182	0.0000
10	10.36	34.351	7.37	10	10.36	34.351	7.37	26.40	163	163	0.0173
20	9.93	34.358	6.96	20	9.93	34.358	6.96	26.48	156	156	0.0333
30	9.30	34.313	7.06	30	9.30	34.313	7.06	26.55	149	149	0.0486
50	8.59	34.285	7.06	50	8.59	34.285	7.06	26.64	140	141	0.0777
75	8.20	34.211	6.95	75	8.20	34.211	6.95	26.64	140	141	0.1130
101	8.02	34.237	6.85	100	8.02	34.236	6.85	26.69	136	137	0.1480
122	7.60	34.308	6.65	125	7.52	34.293	6.63	26.80	125	126	0.1810
142	7.10	34.210	6.54	150	7.00	34.198	6.50	26.80	125	127	0.2128
191	6.49	34.140	6.33	200	5.99	34.140	6.27	26.89	116	119	0.2743
240	3.78	34.145	6.01	250	3.37	34.138	5.96	27.18	089	090	0.3268
284	1.99	34.115	5.81	300	1.76	34.116	5.77	27.30	078	078	0.3692
372	0.74	34.123	5.61	400	0.67	34.128	5.55	27.38	070	070	0.4437
477	0.51	34.143	5.40								

GANGWON 867 , STATION 106-07 , 37-53.7. N, 130-00.0. E, APR. 21. 1987, 00:45 KST,
 DEPTH 1060 , COLOR , TRANS. , WAVE SE 3, SWELL SE 1, WIND SE 2 , BARO 1004. ,
 AIR TEMP. DRY 15.0, WET , CLOUD. TYPE , AMT , WEATHER

0	11.88	34.383	6.54	0	11.88	34.383	6.54	26.15	187	187	0.0000
10	10.04	34.348	6.96	10	10.04	34.348	6.96	26.45	158	158	0.0172

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
20	9.46	34.284	6.96	20	9.46	34.284	6.96	26.50	154	154	0.0329
30	9.11	34.278	7.06	30	9.11	34.278	7.06	26.55	149	149	0.0480
50	8.93	34.300	6.64	50	8.93	34.300	6.64	26.60	144	145	0.0775
75	8.33	34.280	6.53	75	8.33	34.280	6.53	26.67	137	138	0.1130
98	7.93	34.253	6.43	100	7.88	34.250	6.41	26.72	133	134	0.1471
119	7.50	34.230	6.32	125	7.36	34.221	6.38	26.77	128	129	0.1802
139	7.05	34.201	6.54	150	6.87	34.188	6.49	26.81	124	126	0.2122
187	6.27	34.148	6.33	200	5.71	34.132	6.22	26.92	114	116	0.2728
239	4.04	34.087	5.92	250	3.61	34.094	5.87	27.12	094	096	0.3260
291	2.05	34.122	5.71	300	1.93	34.123	5.68	27.29	078	079	0.3701
395	0.71	34.139	5.40	400	0.69	34.139	5.39	27.39	069	069	0.4446
495	0.47	34.150	5.30								

GANGWON 867 , STATION 106-08 , 37-53.7. N, 130-18.9. E, APR. 20, 1987, 23:20 KST,
 DEPTH 1800 , COLOR , TRANS. , WAVE SE 2, SWELL SE 1, WIND SE 2 , BARO 1006. ,
 AIR TEMP. DRY 15.2, WET , CLOUD. TYPE , AMT , WEATHER B

0	11.47	34.426	6.85	0	11.47	34.426	6.85	26.26	176	176	0.0000
10	10.22	34.338	7.06	10	10.22	34.338	7.06	26.41	162	162	0.0169
20	9.84	34.337	7.06	20	9.84	34.337	7.06	26.48	156	156	0.0328
30	9.15	34.314	6.64	30	9.15	34.314	6.64	26.57	147	147	0.0480
50	8.83	34.277	6.75	50	8.83	34.277	6.75	26.59	144	145	0.0773
75	8.12	34.252	6.64	75	8.12	34.252	6.64	26.68	136	137	0.1127
99	7.15	34.218	6.33	100	7.14	34.217	6.32	26.80	125	126	0.1457
126	7.05	34.211	6.23	125	7.05	34.211	6.23	26.81	124	126	0.1774
153	6.49	34.161	6.11	150	6.55	34.166	6.12	26.84	121	123	0.2086
194	3.96	34.132	6.01	200	3.70	34.126	6.01	27.14	093	094	0.2632
241	1.94	34.085	6.02	250	1.78	34.092	6.00	27.28	080	080	0.3070
288	1.12	34.124	5.92	300	1.04	34.124	5.88	27.36	072	072	0.3454
383	0.51	34.126	5.61	400	0.49	34.129	5.55	27.39	069	068	0.4163
482	0.40	34.145	5.30								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GANGWON 867 , STATION 106-09 , 37-53.7. N, 130-37.7. E, APR. 20. 1987, 21:50 KST,
 DEPTH 2250 , COLOR , TRANS. , WAVE SE 3, SWELL SE 1, WIND SE 2 , BARO 1006. ,
 AIR TEMP. DRY 15.8, WET , CLOUD, TYPE , AMT , WEATHER B

0	12.64	34.497	6.67	0	12.64	34.497	6.67	26.09	192	192	0.0000
10	11.47	34.427	7.06	10	11.47	34.427	7.06	26.26	176	176	0.0184
20	10.89	34.456	7.06	20	10.89	34.456	7.06	26.39	164	164	0.0355
30	10.50	34.428	6.85	30	10.50	34.428	6.85	26.43	160	160	0.0518
50	9.41	34.371	6.76	50	9.41	34.371	6.76	26.57	146	147	0.0826
75	8.52	34.296	6.75	75	8.52	34.296	6.75	26.66	138	140	0.1185
100	7.99	34.256	6.64	100	7.99	34.256	6.64	26.71	134	135	0.1530
117	7.76	34.251	6.23	125	7.51	34.224	6.16	26.75	130	131	0.1864
141	7.02	34.172	6.02	150	6.45	34.160	5.99	26.85	121	122	0.2182
177	4.76	34.124	5.92	200	4.41	34.094	5.92	27.04	102	104	0.2750
213	4.22	34.078	5.92	250	2.10	34.103	5.81	27.26	081	082	0.3217
250	2.10	34.103	5.81	300	1.77	34.139	5.65	27.32	076	077	0.3616
350	1.45	34.176	5.50	400	0.95	34.151	5.44	27.38	070	070	0.4353
448	0.48	34.128	5.40								

GANGWON 867 , STATION 106-10 , 37-53.7. N, 130-56.5. E, APR. 20. 1987, 20:25 KST,
 DEPTH 1980 , COLOR , TRANS. , WAVE SE 3, SWELL SE 1, WIND SE 3 , BARO 1008. ,
 AIR TEMP. DRY 16.1, WET , CLOUD, TYPE CI, AMT 01, WEATHER B

0	12.13	34.450	6.56	0	12.13	34.450	6.56	26.15	187	186	0.0000
10	10.92	34.434	6.96	10	10.92	34.434	6.96	26.36	166	166	0.0176
20	10.55	34.422	6.84	20	10.55	34.422	6.84	26.42	161	161	0.0340
30	9.59	34.413	6.74	30	9.59	34.413	6.74	26.58	146	146	0.0495
50	8.86	34.364	6.64	50	8.86	34.364	6.64	26.66	138	139	0.0781

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	O2	DEPTH	TEMP	SAL	O2	SIGMA-T	D-T	SVA	D-DY
75	8.04	34.300	6.33	75	8.04	34.300	6.33	26.73	131	132	0.1122
98	7.75	34.271	6.23	100	7.74	34.269	6.20	26.75	129	131	0.1452
121	7.70	34.248	5.92	125	7.38	34.232	5.11	26.78	127	129	0.1777
145	5.82	34.156	5.92	150	5.72	34.150	5.90	26.93	112	114	0.2082
193	4.93	34.101	5.81	200	4.59	34.098	5.80	27.02	104	105	0.2633
241	2.66	34.087	5.80	250	2.42	34.081	5.76	27.22	088	086	0.3115
289	1.40	34.060	5.61	300	1.31	34.066	5.57	27.29	073	079	0.3529
394	0.62	34.125	5.30	400	0.60	34.126	5.31	27.38	070	069	0.4275
498	0.44	34.143	5.50								

GANGWON 867 , STATION 106-11 , 37-53.7. N, 131-15.1. E, APR 1987, 19:00 KST,
 DEPTH 2070 , COLOR , TRANS. , WAVE SE 2, SWELL SE 1, WIND SE 2 , BARC 1008. ,
 AIR TEMP. DRY 17.0, WET , CLOUD, TYPE CI, AMT 01, WEATHER B

0	12.54	34.495	6.73	0	12.54	34.495	6.73	26.11	191	190	0.0000
10	11.41	34.492	6.94	10	11.41	34.492	6.94	26.32	171	170	0.0180
20	10.85	34.464	6.73	20	10.85	34.464	6.73	26.40	163	163	0.0348
30	10.00	34.392	6.64	30	10.00	34.392	6.64	26.49	154	154	0.0507
50	9.26	34.296	6.33	50	9.26	34.296	6.33	26.54	150	150	0.0813
75	8.56	34.285	6.23	75	8.56	34.285	6.23	26.64	140	141	0.1178
97	8.18	34.255	5.92	100	8.03	34.245	5.93	26.69	135	137	0.1526
123	6.88	34.172	6.02	125	6.72	34.165	6.02	26.82	123	125	0.1854
146	5.07	34.094	6.02	150	5.04	34.092	6.01	26.97	109	110	0.2150
193	4.74	34.082	5.92	200	4.42	34.085	5.90	27.03	103	105	0.2690
239	2.65	34.104	5.83	250	2.35	34.105	5.82	27.24	083	084	0.3163
285	1.41	34.109	5.81	300	1.28	34.113	5.74	27.33	075	075	0.3562
380	0.63	34.137	5.40	400	0.58	34.137	5.44	27.33	069	068	0.4284
475	0.40	34.140	5.61								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

6月(June)

GYUNGBUG 853 , STATION 106-02 , 37-53.7. N, 128-52.5. E, JUN. 17. 1987, 15:00 KST,
 DEPTH 58 , COLOR 3, TRANS. 16.5, WAVE SE 2, SWELL SE 1, WIND SE 2 , BARO 1017. ,
 AIR TEMP. DRY 19.5, WET , CLOUD, TYPE CI, AMT 01, WEATHER B

0	19.39	33.416	4.39	0	19.39	33.416	4.39	23.73	417	417	0.0000
10	18.12	33.541	5.92	10	18.12	33.541	5.92	24.14	378	378	0.0397
20	15.18	33.878	5.10	20	15.18	33.878	5.10	25.08	288	288	0.0731
30	12.98	34.202	5.80	30	12.98	34.202	5.80	25.79	221	221	0.0986
50	9.43	34.308	4.08	50	9.43	34.308	4.08	26.52	151	152	0.1360

GYUNGBUG 853 , STATION 106-03 , 37-53.7. N, 128-57.2. E, JUN. 17. 1987, 14:00 KST,
 DEPTH 320 , COLOR 3, TRANS. 17.0, WAVE SE 2, SWELL SE 1, WIND SE 2 , BARO 1017. ,
 AIR TEMP. DRY 19.7, WET , CLOUD, TYPE CI, AMT 01, WEATHER B

0	19.20	33.784	5.10	0	19.20	33.784	5.10	24.06	386	386	0.0000
10	18.89	33.743	5.41	10	18.89	33.743	5.41	24.10	381	381	0.0383
20	17.36	34.061	5.61	20	17.36	34.061	5.61	24.72	322	323	0.0736
30	14.27	34.303	4.90	30	14.27	34.303	4.90	25.61	238	239	0.1017
50	14.22	34.407	4.39	50	14.22	34.407	4.39	25.70	230	231	0.1488
75	8.38	34.246	5.41	75	8.38	34.246	5.41	26.64	140	141	0.1954
94	6.50	34.156	5.00	100	6.14	34.139	5.17	26.87	118	119	0.2281
118	5.09	34.091	5.71	125	4.76	34.073	5.65	26.99	107	108	0.2567
142	3.96	34.030	5.51	150	3.62	34.028	5.51	27.07	100	100	0.2829
192	1.88	34.018	5.51	200	1.80	34.022	5.47	27.22	085	085	0.3296
241	1.43	34.047	5.31	250	1.32	34.055	5.28	27.28	079	079	0.3710
278	0.98	34.083	5.20								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 106-04 , 37-53.7. N, 129-03.8. E, JUN. 17. 1987, 13:00 KST.
 DEPTH 710 , COLOR 3, TRANS. 17.5, WAVE SE 3, SWELL SE 1, WIND SE 3 , BARO 1017. ,
 AIR TEMP. DRY 20.1, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	19.11	33.748	5.10	0	19.11	33.748	5.10	24.05	386	386	0.0000
10	18.39	33.889	5.10	10	18.39	33.889	5.10	24.34	359	359	0.0372
20	17.35	34.253	5.20	20	17.35	34.253	5.20	24.87	308	308	0.0706
30	15.36	34.558	4.80	30	15.36	34.558	4.80	25.57	242	243	0.0983
50	14.26	34.418	4.51	50	14.26	34.418	4.51	25.70	230	231	0.1457
75	10.22	34.367	5.31	75	10.22	34.367	5.31	26.44	160	161	0.1948
95	8.05	34.222	5.31	100	7.93	34.215	5.39	26.68	136	137	0.2322
120	7.49	34.191	5.71	125	7.18	34.175	5.58	26.76	129	130	0.2658
145	5.97	34.115	5.10	150	5.69	34.114	5.18	26.91	115	116	0.2968
190	3.53	34.107	5.82	200	3.21	34.095	5.67	27.16	091	092	0.3491
234	2.15	34.057	5.20	250	1.82	34.054	5.27	27.25	083	083	0.3931
277	1.28	34.051	5.41	300	1.10	34.060	5.35	27.30	078	078	0.4336
364	0.60	34.086	5.20	400	0.57	34.098	4.94	27.36	071	071	0.5085
451	0.54	34.116	4.59								

GYUNGBUG 853 , STATION 106-05 , 37-53.7. N, 129-22.1. E, JUN. 17. 1987, 11:35 KST,
 DEPTH 1120 , COLOR 3, TRANS. 18.0, WAVE SE 3, SWELL SE 1, WIND SE 3 , BARO 1017. ,
 AIR TEMP. DRY 20.2, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	18.56	33.791	5.51	0	18.56	33.791	5.51	24.22	370	370	0.0000
10	17.19	34.063	6.02	10	17.19	34.063	6.02	24.77	318	318	0.0344
20	15.41	34.337	5.61	20	15.41	34.337	5.61	25.38	260	260	0.0633
30	15.29	34.560	5.31	30	15.29	34.560	5.31	25.58	241	241	0.0884
50	14.03	34.534	4.90	50	14.03	34.534	4.90	25.83	217	218	0.1344
75	10.72	34.367	5.69	75	10.72	34.367	5.69	26.35	168	169	0.1829
93	8.86	34.353	5.61	100	8.73	34.342	5.55	26.66	138	140	0.2217
118	8.43	34.314	5.41	125	8.10	34.273	5.41	26.70	134	136	0.2563
142	7.31	34.174	5.41	150	6.77	34.152	5.52	26.80	125	127	0.2893

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
190	4.09	34.045	6.12	200	3.67	34.047	6.03	27.08	099	100	0.3462
238	2.10	34.056	5.71	250	1.82	34.061	5.71	27.25	082	083	0.3921
285	1.04	34.076	5.71	300	0.97	34.077	5.71	27.32	075	076	0.4320
371	0.69	34.082	5.71	400	0.63	34.092	5.49	27.35	072	072	0.5063
466	0.52	34.115	5.00								

GYUNCBUG 853 , STATION 106-06 , 37-53.7, N, 129-41.3, E, JUN. 17, 1987, 09:45 KST,
 DEPTH 1620 , COLOR 2, TRANS. 17.5, WAVE SE 4, SWELL SE 2, WIND SE 4 , BARO 1017. ,
 AIR TEMP. DRY 19.2, WET , CLOUD, TYPE , AMT 00, WEATHER B

0	18.53	33.828	4.08	0	18.53	33.828	4.08	24.26	367	366	0.0000
10	18.42	33.809	5.31	10	18.42	33.809	5.31	24.27	365	365	0.0366
20	16.60	34.064	4.59	20	16.60	34.064	4.59	24.90	305	305	0.0702
30	15.07	34.329	6.63	30	15.07	34.329	6.63	25.45	253	253	0.0981
50	12.76	34.357	5.82	50	12.76	34.357	5.82	25.96	205	206	0.1442
75	9.49	34.271	4.90	75	9.49	34.271	4.90	26.48	155	156	0.1896
100	8.84	34.241	5.10	100	8.84	34.241	5.10	26.56	147	149	0.2278
115	7.70	34.187	5.31	125	7.48	34.175	5.31	26.72	133	135	0.2634
139	7.19	34.160	5.31	150	6.79	34.142	5.26	26.79	126	128	0.2963
192	5.28	34.078	5.10	200	4.84	34.072	5.00	26.98	108	110	0.3561
237	2.82	34.049	4.59	250	2.40	34.050	4.80	27.20	087	088	0.4059
281	1.41	34.054	5.31	300	1.25	34.050	5.39	27.28	079	080	0.4481
376	0.65	34.036	5.71	400	0.59	34.057	5.63	27.33	075	074	0.5256
471	0.43	34.123	5.41								

GYUNCBUG 853 , STATION 106-07 , 37-53.7, N, 130-00.0, E, JUN. 17, 1987, 07:50 KST,
 DEPTH 1060 , COLOR 2, TRANS. 17.5, WAVE SE 4, SWELL SE 2, WIND SE 4 , BARO 1017. ,
 AIR TEMP. DRY 17.0, WET , CLOUD, TYPE , AMT 00, WEATHER B

0	19.02	33.958	4.08	0	19.02	33.958	4.08	24.24	369	369	0.0000
10	18.84	34.012	4.59	10	18.84	34.012	4.59	24.32	361	361	0.0365

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
20	17.10	34.363	3.27	20	17.10	34.363	3.27	25.02	294	295	0.0693
30	16.86	34.404	3.67	30	16.86	34.404	3.67	25.10	286	287	0.0984
50	15.88	34.436	5.61	50	15.88	34.436	5.61	25.36	262	263	0.1535
75	11.87	34.328	5.20	75	11.87	34.328	5.20	26.11	191	192	0.2106
96	9.35	34.254	4.90	100	8.98	34.242	4.79	26.54	149	151	0.2536
116	7.50	34.198	4.39	125	7.26	34.182	4.39	26.75	129	131	0.2889
137	6.95	34.162	4.39	150	6.10	34.148	4.54	26.88	117	119	0.3203
180	4.16	34.117	4.90	200	3.05	34.096	5.09	27.18	089	090	0.3728
233	1.23	34.063	5.41	250	1.11	34.074	5.24	27.31	077	077	0.4147
285	0.87	34.098	4.90	300	0.80	34.096	4.82	27.35	073	073	0.4523
366	0.53	34.091	4.49	400	0.50	34.095	4.45	27.37	071	071	0.5248
457	0.45	34.102	4.39								

GYUNGBUG 853 , STATION 106-08 , 37-53.7. N, 130-18.9. E, JUN. 17. 1987, 05:55 KST,
 DEPTH 1800 , COLOR , TRANS. , WAVE SE 4, SWELL SE 1, WIND SE 4 , BARO 1017. ,
 AIR TEMP. DRY 16.4. WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	19.10	33.714	4.69	0	19.10	33.714	4.69	24.03	388	388	0.0000
10	18.73	33.706	5.81	10	18.73	33.706	5.81	24.12	380	380	0.0384
20	15.81	33.894	5.51	20	15.81	33.894	5.51	24.96	300	301	0.0725
30	13.68	34.017	4.49	30	13.68	34.017	4.49	25.51	248	248	0.1000
50	12.03	34.282	4.69	50	12.03	34.282	4.69	26.04	197	198	0.1447
75	9.90	34.261	4.89	75	9.90	34.261	4.89	26.41	162	163	0.1900
100	5.22	34.186	4.08	100	5.22	34.186	4.08	27.02	104	105	0.2237
124	4.63	34.120	4.59	125	4.55	34.121	4.59	27.05	102	103	0.2497
148	2.77	34.159	4.80	150	2.71	34.155	4.81	27.25	082	082	0.2730
189	1.61	34.087	5.10	200	1.47	34.086	5.06	27.30	078	078	0.3134
244	0.91	34.083	4.90	250	0.88	34.082	4.87	27.33	075	075	0.3518
299	0.71	34.075	4.69	300	0.70	34.075	4.69	27.34	074	074	0.3891
382	0.60	34.075	4.69	400	0.59	34.076	4.57	27.35	073	073	0.4631
464	0.57	34.082	4.18								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 106-09 , 37-53.7. N, 130-37.7. E, JUN. 17, 1987, 03:55 KST,
 DEPTH 2250 , COLOR , TRANS. , WAVE SE 4, SWELL SE 2, WIND SE 4 , BARO 1017. ,
 AIR TEMP. DRY 17.4, WET , CLOUD, TYPE , AMT 01, WEATHER B

0	19.62	33.829	4.19	0	19.62	33.829	4.19	23.98	393	393	0.0000
10	18.84	33.941	5.00	10	18.84	33.941	5.00	24.27	366	366	0.0379
20	18.82	33.940	5.71	20	18.82	33.940	5.71	24.27	365	366	0.0745
30	15.68	34.082	4.90	30	15.68	34.082	4.90	25.13	284	284	0.1071
50	14.28	34.280	4.39	50	14.28	34.280	4.39	25.59	240	241	0.1597
75	14.05	34.332	4.39	75	14.05	34.332	4.39	25.67	232	234	0.2192
98	14.02	34.413	4.69	100	13.91	34.408	4.68	25.76	223	226	0.2767
122	12.72	34.360	4.59	125	12.23	34.361	4.59	26.06	195	198	0.3298
145	8.97	34.368	4.59	150	8.34	34.340	4.62	26.72	133	135	0.3715
190	3.37	34.120	4.90	200	2.93	34.107	4.85	27.20	087	088	0.4276
237	1.34	34.060	4.69	250	1.23	34.061	4.69	27.29	078	078	0.4695
284	0.97	34.067	4.69	300	0.88	34.069	4.71	27.32	075	075	0.5083
367	0.53	34.081	4.80	400	0.56	34.082	4.65	27.35	073	072	0.5827
459	0.63	34.084	4.39								

GYUNGBUG 853 , STATION 106-10 , 37-53.7. N, 130-56.5. E, JUN. 17, 1987, 02:00 KST,
 DEPTH 1980 , COLOR , TRANS. , WAVE SE 2, SWELL SE 1, WIND SE 2 , BARO 1017. ,
 AIR TEMP. DRY 18.0, WET , CLOUD, TYPE CI, AMT 02, WEATHER B

0	19.13	33.819	5.51	0	19.13	33.819	5.51	24.10	382	381	0.0000
10	18.69	33.956	5.51	10	18.69	33.956	5.51	24.32	361	361	0.0371
20	17.59	34.095	5.61	20	17.59	34.095	5.61	24.69	325	325	0.0715
30	15.46	34.190	6.12	30	15.46	34.190	6.12	25.26	271	272	0.1014
50	14.40	34.339	4.29	50	14.40	34.339	4.29	25.61	238	239	0.1526

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

75	14.35	34.421	4.39	75	14.35	34.421	4.39	25.68	231	233	0.2118
100	13.25	34.423	4.19	100	13.25	34.423	4.19	25.91	209	212	0.2675
116	11.21	34.416	5.10	125	10.90	34.434	4.93	26.37	166	169	0.3152
139	10.43	34.462	4.69	150	9.92	34.411	4.95	26.52	152	154	0.3557
182	8.46	34.264	5.71	200	6.29	34.203	5.23	26.90	115	118	0.4239
224	3.41	34.122	4.59	250	2.49	34.097	4.52	27.23	085	085	0.4750
266	1.93	34.083	4.49	300	1.45	34.087	4.53	27.30	078	078	0.5162
349	0.78	34.094	4.59	400	0.64	34.089	4.46	27.35	073	072	0.5920
431	0.56	34.086	4.39								

GYUNGBUG 853 , STATION 106-11 , 37-53.7. N, 131-15.1. E, JUN. 17, 1987, 00:00 KST,
 DEPTH 2070 , COLOR , TRANS. , WAVE SE 4, SWELL SE 2, WIND SE 4 , BARO 1017. ,
 AIR TEMP, DRY 18.2, WET , CLOUD, TYPE CI, AMT 01, WEATHER B

0	19.81	33.749	5.61	0	19.81	33.749	5.61	23.87	403	403	0.0000
10	19.24	33.836	5.41	10	19.24	33.836	5.41	24.09	383	383	0.0393
20	18.39	33.864	5.41	20	18.39	33.864	5.41	24.32	361	361	0.0765
30	15.46	33.980	5.71	30	15.46	33.980	5.71	25.10	287	287	0.1090
50	14.32	34.501	5.41	50	14.32	34.501	5.41	25.75	225	226	0.1604
75	13.57	34.528	4.80	75	13.57	34.528	4.80	25.93	208	210	0.2150
90	12.38	34.516	5.31	100	11.90	34.496	5.13	26.23	179	181	0.2639
119	11.01	34.460	4.80	125	10.91	34.447	4.89	26.37	165	168	0.3077
139	10.70	34.418	5.10	150	9.78	34.335	5.04	26.48	155	158	0.3485
179	7.37	34.117	4.90	200	6.04	34.124	4.94	26.87	118	120	0.4183
225	4.47	34.134	5.00	250	2.88	34.116	5.05	27.21	086	087	0.4705
270	1.61	34.103	5.10	300	1.34	34.097	5.10	27.31	076	077	0.5117
367	0.75	34.086	5.10	400	0.68	34.095	5.06	27.36	072	072	0.5866
459	0.57	34.113	5.00								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

8月(August)

GANGWON 867 , STATION 106-02 , 37-53.7. N, 128-52.5. E, AUG. 7.1987, 09:40 KST,
 DEPTH 53 , COLOR 4, TRANS. , WAVE SE 4, SWELL SE 2, WIND SE 4 , BARO 998. ,
 AIR TEMP. DRY 21.5, WET , CLOUD, TYPE CB, AMT 10, WEATHER R

0	20.94	32.260	5.21	0	20.94	32.260	5.21	22.45	540	539	0.0000
10	17.78	33.045	5.31	10	17.78	33.045	5.31	23.85	406	406	0.0473
20	12.15	33.706	5.20	20	12.15	33.706	5.20	25.57	242	242	0.0797
30	8.64	33.912	5.21	30	8.64	33.912	5.21	26.34	169	169	0.1003
50	2.78	33.951	5.31	50	2.78	33.951	5.31	27.09	098	098	0.1271

GANGWON 867 , STATION 106-03 , 37-53.7. N, 128-57.2. E, AUG. 7.1987, 08:50 KST,
 DEPTH 320 , COLOR , TRANS. , WAVE SE 4, SWELL SE 2, WIND SE 4 , BARO 998. ,
 AIR TEMP. DRY 19.1, WET , CLOUD, TYPE CB, AMT 09, WEATHER R

0	22.67	32.084	5.21	0	22.67	32.084	5.21	21.84	598	598	0.0000
10	18.90	33.012	5.31	10	18.90	33.012	5.31	23.55	435	435	0.0516
20	15.36	33.857	5.19	20	15.36	33.857	5.19	25.03	293	294	0.0881
30	11.81	34.049	5.18	30	11.81	34.049	5.18	25.90	210	211	0.1133
50	4.74	33.807	5.21	50	4.74	33.807	5.21	26.78	127	127	0.1473
75	2.31	33.851	5.31	75	2.31	33.851	5.31	27.04	102	102	0.1760
98	1.44	33.959	5.43	100	1.38	33.958	5.44	27.20	087	087	0.1997
127	0.58	33.957	5.63	125	0.63	33.957	5.61	27.25	083	082	0.2210
150	0.57	33.955	5.53	150	0.57	33.955	5.53	27.25	082	082	0.2417
195	0.54	34.029	5.54	200	0.53	34.024	5.51	27.31	077	077	0.2816
244	0.48	33.988	5.31	250	0.46	33.989	5.30	27.28	079	079	0.3208
315	0.34	34.003	5.21	300	0.36	33.999	5.23	27.30	077	077	0.3601

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GANGWON 867 , STATION 106-04 , 37-53.7, N, 129-03.8, E, AUG. 7. 1987, 07:40 KST,
 DEPTH 710 , COLOR , TRANS. , WAVE SE 4, SWELL SE 2, WIND SE 4 , BARO 998. ,
 AIR TEMP. DRY 18.7, WET , CLOUD. TYPE CB, AMT 09, WEATHER R

0	21.43	33.147	5.52	0	21.43	33.147	5.52	22.99	488	488	0.0000
10	13.19	33.823	5.60	10	13.19	33.823	5.60	25.46	252	252	0.0370
20	10.92	34.092	5.73	20	10.92	34.092	5.73	26.10	192	192	0.0593
30	9.73	34.100	5.83	30	9.73	34.100	5.83	26.31	171	172	0.0775
50	4.97	34.034	5.63	50	4.97	34.034	5.63	26.93	113	113	0.1060
75	2.70	33.964	5.42	75	2.70	33.964	5.42	27.10	096	096	0.1323
104	1.36	33.991	5.21	100	1.54	33.987	5.23	27.21	086	086	0.1552
125	0.83	33.988	5.21	125	0.83	33.988	5.21	27.26	081	081	0.1762
151	0.50	33.985	5.32	150	0.51	33.985	5.31	27.28	080	079	0.1965
193	0.40	33.996	5.33	200	0.40	33.998	5.31	27.29	078	078	0.2360
246	0.40	34.017	5.21	250	0.40	34.019	5.20	27.31	077	076	0.2748
303	0.40	34.052	5.19	300	0.40	34.050	5.19	27.33	074	074	0.3125
406	0.39	34.036	5.00	400	0.39	34.036	5.01	27.32	075	075	0.3873
484	0.35	34.035	5.21								

GANGWON 867 , STATION 106-05 , 37-53.7, N, 129-22.1, E, AUG. 7. 1987, 06:05 KST,
 DEPTH 1120 , COLOR , TRANS. , WAVE SE 4, SWELL SE 2, WIND SE 4 , BARO 999. ,
 AIR TEMP. DRY 18.8, WET , CLOUD. TYPE CI, AMT 09, WEATHER C

0	21.84	32.728	5.73	0	21.84	32.728	5.73	22.56	529	529	0.0000
10	16.04	33.829	5.75	10	16.04	33.829	5.75	24.85	310	310	0.0419
20	12.37	34.007	5.64	20	12.37	34.007	5.64	25.76	224	224	0.0687
30	7.38	34.046	5.52	30	7.38	34.046	5.52	26.63	141	141	0.0870
50	3.09	33.984	5.21	50	3.09	33.984	5.21	27.08	098	098	0.1110
75	2.18	33.984	5.21	75	2.18	33.984	5.21	27.16	091	091	0.1347
98	1.23	34.010	5.10	100	1.22	34.010	5.10	27.25	082	082	0.1564
124	1.10	34.017	5.10	125	1.08	34.016	5.09	27.27	081	081	0.1769
148	0.85	34.013	4.90	150	0.84	34.013	4.91	27.28	080	079	0.1970

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
200	0.60	34.028	5.21	200	0.60	34.028	5.21	27.31	077	077	0.2362
249	0.54	34.026	5.21	250	0.53	34.026	5.20	27.31	077	077	0.2748
294	0.48	34.044	5.00	300	0.47	34.043	5.00	27.33	075	075	0.3129
388	0.41	34.031	5.00	400	0.39	34.032	4.98	27.32	076	075	0.3884
486	0.32	34.045	4.90								

GANGWON 867 , STATION 106-06 , 37-53.7. N, 129-41.3. E, AUG. 7.1987, 04:40 KST,
 DEPTH 1620 , COLOR , TRANS. , WAVE SE 3, SWELL SE 1, WIND SE 3 , BARO 999. ,
 AIR TEMP. DRY 20.1, WET , CLOUD. TYPE , AMT , WEATHER C

0	22.43	33.055	5.94	0	22.43	33.055	5.94	22.64	521	521	0.0000
10	17.58	33.601	5.73	10	17.58	33.601	5.73	24.32	361	361	0.0441
20	11.23	34.033	5.10	20	11.23	34.033	5.10	26.00	201	201	0.0723
30	8.56	34.086	5.09	30	8.56	34.086	5.09	26.49	155	155	0.0901
50	4.35	34.079	5.13	50	4.35	34.079	5.13	27.03	103	103	0.1160
75	3.06	34.024	5.13	75	3.06	34.024	5.13	27.12	095	095	0.1409
95	1.48	34.002	5.12	100	1.38	34.006	5.11	27.24	083	083	0.1633
118	1.05	34.021	5.10	125	1.00	34.024	5.07	27.28	080	080	0.1838
145	0.87	34.033	5.00	150	0.84	34.032	4.99	27.29	078	078	0.2036
198	0.63	34.025	4.90	200	0.62	34.026	4.90	27.30	077	077	0.2426
250	0.49	34.057	4.99	250	0.49	34.057	4.99	27.34	074	074	0.2805
300	0.44	34.021	5.00	300	0.44	34.021	5.00	27.31	077	076	0.3183
393	0.29	34.033	5.31	400	0.29	34.033	5.30	27.33	075	074	0.3942
488	0.29	34.041	5.21								

GANGWON 867 , STATION 106-07 , 37-53.7. N, 130-00.0. E, AUG. 7.1987, 03:15 KST,
 DEPTH 1060 , COLOR , TRANS. , WAVE SE 3, SWELL SE 1, WIND SE 3 , BARO 999. ,
 AIR TEMP. DRY 21.0, WET , CLOUD. TYPE CI, AMT 10, WEATHER C

0	22.02	33.031	5.38	0	22.02	33.031	5.38	22.74	512	512	0.0000
10	19.56	33.200	5.42	10	19.56	33.200	5.42	23.52	437	437	0.0474

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
20	15.85	33.784	5.08	20	15.85	33.784	5.08	24.86	309	309	0.0848
30	14.55	34.092	4.66	30	14.55	34.092	4.66	25.38	259	260	0.1133
50	12.80	34.182	4.67	50	12.80	34.182	4.67	25.81	219	220	0.1614
75	10.14	34.142	4.78	75	10.14	34.142	4.78	26.27	175	176	0.2110
100	5.87	34.132	4.79	100	5.87	34.132	4.79	26.90	115	116	0.2477
121	5.20	34.115	4.79	125	5.07	34.094	4.85	26.97	109	110	0.2761
141	4.56	34.014	5.09	150	4.00	34.016	5.11	27.02	104	105	0.3032
182	2.04	34.025	5.21	200	1.78	34.039	5.15	27.24	084	084	0.3507
221	1.49	34.057	5.10	250	1.16	34.026	4.94	27.27	080	081	0.3920
258	1.07	34.018	4.90	300	0.87	34.012	4.95	27.28	080	080	0.4324
335	0.72	34.007	5.00	400	0.57	34.017	5.00	27.30	078	077	0.5115
437	0.49	34.023	5.00								

GANGWON 867 , STATION 106-08 . 37-53.7. N, 130-18.9. E, AUG. 7. 1987. 01:40 KST.
 DEPTH 1800 , COLOR , TRANS. , WAVE SE 3, SWELL SE 1, WIND SE 3 , BARO 999. ,
 AIR TEMP. DRY 21.5, WET , CLOUD, TYPE CU, AMT 10, WEATHER C

0	22.99	32.901	4.98	0	22.99	32.901	4.98	22.36	547	547	0.0000
10	21.09	33.618	5.10	10	21.09	33.618	5.10	23.43	445	445	0.0496
20	20.81	34.059	5.08	20	20.81	34.059	5.08	23.85	406	406	0.0922
30	17.97	34.085	4.67	30	17.97	34.085	4.67	24.59	335	335	0.1294
50	15.67	34.255	4.47	50	15.67	34.255	4.47	25.26	271	272	0.1902
75	14.71	34.345	4.67	75	14.71	34.345	4.67	25.54	244	246	0.2551
90	10.88	34.345	4.90	100	10.52	34.327	4.93	26.35	168	169	0.3071
119	9.86	34.294	5.00	125	9.20	34.252	5.06	26.52	152	154	0.3477
138	7.78	34.162	5.21	150	6.94	34.131	5.16	26.76	129	131	0.3834
185	4.51	34.041	5.02	200	3.81	34.026	5.00	27.05	101	103	0.4421
227	2.57	34.000	4.99	250	2.04	33.993	4.87	27.18	089	090	0.4905
268	1.64	33.989	4.79	300	1.29	34.004	4.79	27.24	083	083	0.5339
350	0.75	34.028	4.79	400	0.65	34.024	4.79	27.30	078	077	0.6147
431	0.59	34.022	4.79								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GANGWON 867 , STATION 106-09 , 37-53.7. N, 130-37.7. E, AUG. 7, 1987, 00:05 KST,
 DEPTH 2250 , COLOR , TRANS. , WAVE SE 3, SWELL SE 1, WIND SE 3 , BARO 999. ,
 AIR TEMP. DRY 22.0, WET , CLOUD. TYPE CU, AMT 10, WEATHER C

0	22.91	32.901	5.02	0	22.91	32.901	5.02	22.39	545	545	0.0000
10	21.04	33.618	5.10	10	21.04	33.618	5.10	23.45	444	444	0.0494
20	20.50	34.059	5.00	20	20.50	34.059	5.00	23.93	398	398	0.0916
30	18.22	34.085	4.69	30	18.22	34.085	4.69	24.53	341	341	0.1286
50	15.28	34.255	4.69	50	15.28	34.255	4.69	25.35	263	264	0.1892
75	13.83	34.345	4.78	75	13.83	34.345	4.78	25.73	227	228	0.2508
96	10.68	34.345	4.90	100	10.50	34.337	4.94	26.36	166	168	0.3005
122	9.52	34.294	5.21	125	9.30	34.277	5.22	26.52	152	154	0.3409
146	7.83	34.162	5.31	150	7.57	34.149	5.28	26.68	136	138	0.3775
184	5.42	34.041	5.10	200	4.02	34.021	5.09	27.02	104	105	0.4386
217	2.54	34.000	5.09	250	1.36	33.990	5.01	27.23	084	085	0.4864
257	1.12	33.989	5.00	300	0.84	34.008	4.99	27.28	080	080	0.5278
343	0.57	34.028	4.98	400	0.44	34.024	4.79	27.31	076	076	0.6062
437	0.37	34.022	4.67								

GANGWON 867 , STATION 106-10 , 37-53.7. N, 130-56.5. E, AUG. 6, 1987, 22:35 KST,
 DEPTH 1980 , COLOR , TRANS. , WAVE SE 3, SWELL SE 1, WIND SE 3 , BARO 999. ,
 AIR TEMP. DRY 23.6, WET , CLOUD. TYPE CU, AMT 10, WEATHER C

0	20.96	32.967	4.67	0	20.96	32.967	4.67	22.98	489	489	0.0000
10	20.71	33.770	5.08	10	20.71	33.770	5.08	23.65	424	424	0.0457
20	18.73	33.811	4.77	20	18.73	33.811	4.77	24.20	373	373	0.0856
30	18.19	34.059	4.69	30	18.19	34.059	4.69	24.52	342	342	0.1214
50	14.85	34.129	4.67	50	14.85	34.129	4.67	25.35	263	264	0.1821

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
75	13.23	34.352	4.69	75	13.23	34.352	4.69	25.86	214	216	0.2422
91	9.05	34.219	4.92	100	9.04	34.207	4.94	26.51	153	154	0.2886
120	9.04	34.183	5.00	125	8.79	34.172	5.00	26.52	152	154	0.3273
140	8.07	34.141	5.00	150	7.87	34.142	5.03	26.63	141	143	0.3645
179	7.32	34.147	5.12	200	6.60	34.174	5.17	26.84	121	124	0.4314
214	6.13	34.193	5.21	250	5.56	34.140	5.00	26.94	111	114	0.4911
246	5.70	34.147	5.00	300	3.89	34.062	5.00	27.07	099	102	0.5453
355	2.05	33.976	5.01	400	1.53	34.001	5.01	27.22	085	085	0.6394
459	0.87	34.036	5.01								

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100
 GANCWON 867 , STATION 106-11 , 37-53.7. N, 131-15.1. E, AUG. 6, 1987, 21:00 KST.
 DEPTH 2070 , COLOR , WAVE SE 3, SWELL SE 1, WIND SE 3 , BARO 999. ,
 AIR TEMP. DRY 24.5, WET , CLOUD. TYPE CU, AMT 08, WEATHER C

0	20.72	33.348	4.47	0	20.72	33.348	4.47	23.33	455	455	0.0000
10	20.12	33.276	4.89	10	20.12	33.276	4.89	23.43	445	445	0.0450
20	18.40	33.575	4.67	20	18.40	33.575	4.67	24.10	382	382	0.0864
30	16.41	33.555	4.48	30	16.41	33.555	4.48	24.56	338	339	0.1225
50	15.27	34.341	4.57	50	15.27	34.341	4.57	25.42	256	257	0.1822
75	13.41	34.361	4.69	75	13.41	34.361	4.69	25.83	217	219	0.2418
97	10.46	34.275	5.02	100	10.31	34.267	5.03	26.34	169	170	0.2906
120	9.37	34.219	5.10	125	9.04	34.203	5.12	26.50	153	155	0.3314
141	7.99	34.152	5.21	150	7.25	34.119	5.19	26.71	134	136	0.3679
191	3.88	33.971	5.12	200	3.43	33.974	5.10	27.04	102	103	0.4279
241	1.43	33.989	5.03	250	1.37	33.992	5.02	27.23	084	085	0.4750
293	1.09	34.011	4.98	300	1.04	34.012	4.98	27.27	081	081	0.5166
385	0.53	34.031	5.10	400	0.50	34.032	5.04	27.31	076	076	0.5955
469	0.40	34.039	4.77								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

10月(October)

GANGWON 867 , STATION 106-02 , 37-53.7. N, 128-52.5. E, OCT.23.1987, 09:10 KST,
 DEPTH 58 , COLOR 4, TRANS. 9.5, WAVE SW 1, SWELL SW 1, WIND SW 1 , BARO 1025.5,
 AIR TEMP. DRY 18.0, WET , CLOUD, TYPE CI, AMT 02, WEATHER B

0	15.84	33.163	5.23	0	15.84	33.163	5.23	24.39	354	354	0.0000
10	15.79	33.117	5.43	10	15.79	33.117	5.43	24.36	357	357	0.0355
20	15.70	33.118	5.63	20	15.70	33.118	5.63	24.38	355	355	0.0712
30	15.07	33.152	5.82	30	15.07	33.152	5.82	24.55	339	339	0.1059
50	2.43	33.760	6.02	50	2.43	33.760	6.02	26.96	110	110	0.1509

GANGWON 867 , STATION 106-03 , 37-53.7. N, 128-57.2. E, OCT.23.1987, 09:40 KST,
 DEPTH 320 , COLOR 4, TRANS. 10.0, WAVE SW 1, SWELL SW 1, WIND SW 1 , BARO 1025.5,
 AIR TEMP. DRY 18.2, WET , CLOUD, TYPE CI, AMT 02, WEATHER B

0	15.51	33.159	5.33	0	15.51	33.159	5.33	24.46	348	347	0.0000
10	15.49	33.125	5.53	10	15.49	33.125	5.53	24.44	350	350	0.0348
20	15.43	33.168	5.23	20	15.43	33.168	5.23	24.48	345	346	0.0697
30	14.99	33.683	5.63	30	14.99	33.683	5.63	24.97	298	299	0.1019
50	2.29	33.754	6.01	50	2.29	33.754	6.01	26.97	109	109	0.1428
75	1.48	33.776	6.12	75	1.48	33.776	6.12	27.05	102	101	0.1692
101	1.16	33.780	6.02	100	1.17	33.779	6.02	27.07	099	099	0.1944
126	0.76	34.122	6.02	125	0.77	34.108	6.02	27.36	072	072	0.2159
152	0.76	34.167	6.12	150	0.76	34.163	6.11	27.41	068	067	0.2334
202	0.79	33.981	5.63	200	0.78	33.988	5.64	27.26	081	081	0.2707
249	0.76	34.090	5.43	250	0.75	34.089	5.43	27.35	073	073	0.3095
296	0.52	34.082	5.43								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GANGWON 867 , STATION 106-04 , 37-53.7. N, 129-03.8. E, OCT.23.1987, 10:25 KST,
 DEPTH 710 , COLOR 4, TRANS. 10.5, WAVE SW 1, SWELL SW 1, WIND SW 1 , BARO 1025.5,
 AIR TEMP. DRY 18.8, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	16.83	33.237	5.63	0	16.83	33.237	5.63	24.22	370	370	0.0000
10	16.38	33.215	5.82	10	16.38	33.215	5.82	24.31	362	362	0.0366
20	13.18	33.521	5.53	20	13.18	33.521	5.53	25.23	274	275	0.0685
30	12.45	33.676	5.82	30	12.45	33.676	5.82	25.49	249	250	0.0948
50	3.01	33.714	6.12	50	3.01	33.714	6.12	26.88	118	118	0.1316
75	1.81	33.815	6.02	75	1.81	33.815	6.02	27.05	101	101	0.1591
101	1.00	33.843	6.02	100	1.03	33.841	6.02	27.13	094	093	0.1835
123	0.89	34.165	6.02	125	0.88	34.165	6.01	27.40	068	068	0.2038
146	0.79	34.174	5.92	150	0.78	34.168	5.91	27.41	067	067	0.2208
194	0.75	34.106	5.82	200	0.73	34.107	5.79	27.36	072	072	0.2558
249	0.61	34.116	5.63	250	0.60	34.115	5.63	27.38	070	070	0.2914
304	0.45	34.083	5.72	300	0.46	34.085	5.71	27.36	072	072	0.3271
392	0.43	34.059	5.63	400	0.42	34.061	5.62	27.34	074	073	0.4000
481	0.39	34.090	5.53								

GANGWON 867 , STATION 106-05 , 37-53.7. N, 129-22.1. E, OCT.23.1987, 11:55 KST,
 DEPTH 1120 , COLOR 4, TRANS. 12.0, WAVE NE 1, SWELL NE 1, WIND NE 1 , BARO 1025.5,
 AIR TEMP. DRY 19.0, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	18.34	33.280	5.33	0	18.34	33.280	5.33	23.89	402	402	0.0000
10	17.87	33.233	5.53	10	17.87	33.233	5.53	23.97	394	394	0.0398
20	14.24	34.061	5.13	20	14.24	34.061	5.13	25.43	255	256	0.0723
30	10.81	34.110	5.24	30	10.81	34.110	5.24	26.13	188	189	0.0946
50	6.00	33.924	5.43	50	6.00	33.924	5.43	26.72	133	133	0.1269
75	2.18	33.762	5.33	75	2.18	33.762	5.33	26.98	108	108	0.1571
101	1.43	33.799	5.43	100	1.45	33.797	5.42	27.07	100	100	0.1831
126	1.20	34.131	5.53	125	1.20	34.117	5.52	27.34	074	074	0.2049
147	0.84	34.128	5.92	150	0.82	34.121	5.90	27.37	071	071	0.2231

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
197	0.65	34.018	5.63	200	0.64	34.021	5.63	27.30	078	078	0.2605
246	0.57	34.074	5.72	250	0.56	34.071	5.70	27.34	074	073	0.2985
296	0.54	34.038	5.53	300	0.53	34.038	5.52	27.32	076	076	0.3359
394	0.47	34.055	5.43	400	0.46	34.055	5.43	27.34	074	074	0.4111
493	0.33	34.060	5.53								

GANGWON 867 , STATION 106-06 , 37-53.7. N, 129-41.3. E, OCT.23.1987, 13:30 KST,
 DEPTH 1620 , COLOR 4, TRANS. 12.5, WAVE NE 1, SWELL NE 1, WIND NE 1 , BARO 1025. ,
 AIR TEMP. DRY 18.9, WET , CLOUD. TYPE CI, AMT 04, WEATHER BC

0	21.45	33.967	5.24	0	21.45	33.967	5.24	23.60	429	429	0.0000
10	21.45	33.985	5.13	10	21.45	33.985	5.13	23.62	428	428	0.0428
20	21.44	34.091	5.03	20	21.44	34.091	5.03	23.70	420	420	0.0853
30	21.43	33.969	4.84	30	21.43	33.969	4.84	23.61	429	429	0.1278
50	20.18	33.904	5.04	50	20.18	33.904	5.04	23.89	401	403	0.2111
75	9.75	33.853	5.13	75	9.75	33.853	5.13	26.11	190	191	0.2855
96	3.85	33.844	5.33	100	3.77	33.890	5.33	26.94	111	112	0.3235
121	3.36	34.132	5.33	125	2.94	34.133	5.39	27.22	086	086	0.3483
145	0.87	34.140	5.72	150	0.86	34.130	5.71	27.37	071	071	0.3680
194	0.79	34.050	5.63	200	0.78	34.052	5.65	27.31	076	076	0.4049
246	0.74	34.068	5.82	250	0.72	34.066	5.81	27.33	075	075	0.4429
294	0.61	34.046	5.72	300	0.60	34.045	5.70	27.32	076	075	0.4807
392	0.55	34.036	5.53	400	0.52	34.037	5.52	27.32	076	076	0.5567
479	0.33	34.047	5.43								

GANGWON 867 , STATION 106-07 , 37-53.7. N, 130-00.0. E, OCT.23.1987, 15:00 KST,
 DEPTH 1060 , COLOR 4, TRANS. 12.0, WAVE NE 1, SWELL NE 1, WIND NE 1 , BARO 1024. ,
 AIR TEMP. DRY 18.8, WET , CLOUD. TYPE CI, AMT 04, WEATHER BC

0	20.97	33.324	4.94	0	20.97	33.324	4.94	23.24	463	463	0.0000
10	20.90	33.328	5.23	10	20.90	33.328	5.23	23.27	461	461	0.0462

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	O2	DEPTH	TEMP	SAL	O2	SIGMA-T	D-T	SVA	D-DY
20	20.85	33.364	4.84	20	20.85	33.364	4.84	23.31	457	458	0.0922
30	20.83	33.424	4.64	30	20.83	33.424	4.64	23.36	453	453	0.1378
50	19.09	33.825	4.44	50	19.09	33.825	4.44	24.12	380	381	0.2214
75	15.16	34.035	4.74	75	15.16	34.035	4.74	25.21	276	278	0.3039
100	13.40	34.179	5.03	100	13.40	34.179	5.03	25.69	230	233	0.3679
121	11.62	34.440	5.32	125	10.69	34.411	5.36	26.39	164	167	0.4179
146	5.83	34.261	5.63	150	5.54	34.241	5.62	27.03	104	105	0.4520
196	2.28	34.015	5.62	200	2.15	34.012	5.62	27.19	088	089	0.5007
246	0.74	33.989	5.63	250	0.72	33.987	5.62	27.27	081	081	0.5433
295	0.56	33.976	5.53	300	0.55	33.979	5.51	27.27	080	080	0.5837
386	0.52	34.047	5.23	400	0.50	34.045	5.21	27.33	075	075	0.6617
478	0.43	34.039	5.13								

GANGWON 867 , STATION 106--08 , 37-53.7. N, 130-18.9. E, OCT.23.1987, 16:00 KST,
 DEPTH 1800 , COLOR 4, TRANS. 11.5, WAVE NE 1, SWELL NE 1, WIND NE 1 , BARO 1023.5,
 AIR TEMP. DRY 18.0, WET , CLOUD, TYPE CI, AMT 07, WEATHER BC

0	20.92	33.361	5.13	0	20.92	33.361	5.13	23.29	459	459	0.0000
10	20.91	33.294	5.23	10	20.91	33.294	5.23	23.24	464	464	0.0462
20	20.89	33.256	4.74	20	20.89	33.256	4.74	23.21	466	467	0.0927
30	20.87	33.255	4.64	30	20.87	33.255	4.64	23.22	466	466	0.1394
50	20.79	33.252	4.64	50	20.79	33.252	4.64	23.24	464	465	0.2327
75	16.23	34.140	4.74	75	16.23	34.140	4.74	25.05	291	293	0.3276
98	14.53	34.261	5.43	100	14.21	34.274	5.41	25.60	239	242	0.3946
124	10.41	34.436	5.23	125	10.23	34.431	5.23	26.48	155	157	0.4446
140	7.58	34.358	5.33	150	6.85	34.324	5.28	26.92	113	115	0.4788
189	4.02	34.195	5.13	200	3.33	34.175	5.13	27.21	086	087	0.5296
238	0.98	34.106	5.13	250	0.93	34.096	5.15	27.34	074	074	0.5701
287	0.78	34.068	5.23	300	0.73	34.064	5.23	27.33	075	075	0.6074
386	0.41	34.040	5.24	400	0.40	34.042	5.22	27.33	075	074	0.6826
482	0.35	34.055	5.13								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GANGWON 867 , STATION 106-09 , 37-53.7. N, 130-37.7. E, OCT.23.1987, 18:05 KST,
 DEPTH 2250 , COLOR , TRANS. , WAVE NE 1, SWELL NE 1, WIND NE 1 , BARO 1023. ,
 AIR TEMP. DRY 17.5, WET , CLOUD, TYPE CI, AMT 07, WEATHER BC

0	18.44	33.169	5.23	0	18.44	33.169	5.23	23.78	412	412	0.0000
10	18.44	33.134	5.43	10	18.44	33.134	5.43	23.75	415	415	0.0413
20	18.39	33.114	4.74	20	18.39	33.114	4.74	23.75	415	415	0.0829
30	18.38	33.128	4.94	30	18.38	33.128	4.94	23.76	414	414	0.1244
50	18.24	33.160	4.94	50	18.24	33.160	4.94	23.82	408	409	0.2069
75	15.38	33.828	5.13	75	15.38	33.828	5.13	25.00	296	298	0.2955
100	8.78	34.043	5.53	100	8.78	34.043	5.53	26.42	161	163	0.3531
125	6.08	34.294	5.43	125	6.08	34.294	5.43	27.00	106	107	0.3870
151	5.28	34.115	5.63	150	5.31	34.121	5.62	26.96	110	111	0.4144
199	1.66	34.034	5.43	200	1.64	34.034	5.42	27.24	083	083	0.4633
247	0.84	34.054	5.33	250	0.82	34.054	5.33	27.31	076	076	0.5034
295	0.66	34.065	5.43	300	0.65	34.064	5.43	27.33	075	074	0.5413
400	0.45	34.054	5.53	400	0.45	34.054	5.53	27.34	074	074	0.6159
509	0.28	34.068	5.43	500	0.29	34.066	5.43	27.35	072	072	0.6892

GANGWON 867 , STATION 106-10 , 37-53.7. N, 130-56.5. E, OCT.23.1987, 19:40 KST,
 DEPTH 1980 , COLOR , TRANS. , WAVE NE 1, SWELL NE 1, WIND NE 1 , BARO 1034. ,
 AIR TEMP. DRY 17.5, WET , CLOUD, TYPE CI, AMT 08, WEATHER C

0	18.41	33.139	4.94	0	18.41	33.139	4.94	23.76	414	413	0.0000
10	18.41	33.119	5.23	10	18.41	33.119	5.23	23.75	415	415	0.0414
20	18.40	33.144	5.13	20	18.40	33.144	5.13	23.77	413	413	0.0829
30	18.38	33.206	4.94	30	18.38	33.206	4.94	23.82	408	409	0.1241
50	18.18	33.248	4.73	50	18.18	33.248	4.73	23.90	400	402	0.2052

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
75	9.04	33.260	5.23	75	9.04	33.260	5.23	25.77	223	224	0.2836
101	3.97	33.779	5.33	100	4.16	33.759	5.32	26.80	125	126	0.3274
127	3.57	34.096	5.33	125	3.60	34.071	5.33	27.11	096	097	0.3553
153	2.02	34.099	5.33	150	2.19	34.098	5.33	27.25	082	083	0.3778
201	0.91	34.023	5.42	200	0.93	34.024	5.41	27.28	079	079	0.4185
249	0.71	34.028	5.53	250	0.70	34.028	5.52	27.30	078	077	0.4578
294	0.48	34.061	5.43	300	0.47	34.059	5.44	27.34	074	074	0.4958
397	0.43	34.041	5.63	400	0.42	34.041	5.62	27.33	075	075	0.5704
500	0.36	34.061	5.43	500	0.36	34.061	5.43	27.35	073	073	0.6446

GANGWON 867 , STATION 106-11 , 37-53.7. N, 131-15.1. E, OCT.23.1987, 21:05 KST.
 DEPTH 2070 , COLOR , TRANS. , WAVE NE 1, SWELL NE 1, WIND NE 1, BARO 1023.5,
 AIR TEMP. DRY 17.0, WET , CLOUD, TYPE CI, AMT 08, WEATHER C

0	17.62	33.252	5.03	0	17.62	33.252	5.03	24.04	387	387	0.0000
10	17.62	33.235	5.23	10	17.62	33.235	5.23	24.03	388	388	0.0388
20	17.60	33.265	5.13	20	17.60	33.265	5.13	24.06	386	386	0.0775
30	17.59	33.294	5.23	30	17.59	33.294	5.23	24.08	383	384	0.1161
50	16.64	33.320	5.43	50	16.64	33.320	5.43	24.33	360	361	0.1907
75	8.99	33.433	5.43	75	8.99	33.433	5.43	25.91	209	211	0.2623
100	3.37	33.891	5.63	100	3.37	33.891	5.63	26.98	108	108	0.3023
124	2.80	34.145	5.33	125	2.74	34.143	5.33	27.24	083	084	0.3263
149	1.45	34.105	5.43	150	1.44	34.103	5.42	27.31	076	076	0.3465
199	0.98	34.022	5.33	200	0.97	34.022	5.33	27.28	080	080	0.3857
252	0.66	34.028	5.33	250	0.67	34.027	5.33	27.30	077	077	0.4252
302	0.65	34.067	5.13	300	0.65	34.065	5.13	27.33	074	074	0.4633
403	0.35	34.048	5.13	400	0.35	34.048	5.13	27.34	074	074	0.5377
497	0.35	34.054	4.94								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

12月(December)

GYUNGBUG 853 , STATION 106-02 , 37-53.7. N, 128-52.5. E, DEC.10.1987, 01:48 KST,
DEPTH 58 , COLOR , TRANS. , WAVE SW 0, SWELL SW 0, WIND SW 3 , BARO 1025. ,
AIR TEMP. DRY 6.2, WET , CLOUD. TYPE NS, AMT 07, WEATHER BC

0	12.19	33.685	5.61	0	12.19	33.685	5.61	25.55	244	244	0.0000
10	12.21	33.714	5.71	10	12.21	33.714	5.71	25.57	242	242	0.0243
20	11.77	33.710	5.82	20	11.77	33.710	5.82	25.65	235	235	0.0482
30	11.63	33.733	6.03	30	11.63	33.733	6.03	25.69	230	231	0.0715
50	6.64	33.970	5.92	50	6.64	33.970	5.92	26.67	137	137	0.1084

GYUNGBUG 853 , STATION 106-03 , 37-53.7. N, 128-57.2. E, DEC.10.1987, 01:04 KST,
DEPTH 320 , COLOR , TRANS. , WAVE SW 1, SWELL SW 0, WIND SW 3 , BARO 1025. ,
AIR TEMP. DRY 6.4, WET , CLOUD. TYPE NS, AMT 10, WEATHER C

0	11.72	33.713	5.61	0	11.72	33.713	5.61	25.66	233	233	0.0000
10	11.74	33.711	5.71	10	11.74	33.711	5.71	25.65	234	234	0.0233
20	11.72	33.709	6.02	20	11.72	33.709	6.02	25.65	234	234	0.0468
30	11.60	33.710	6.13	30	11.60	33.710	6.13	25.68	232	232	0.0701
50	5.88	34.049	6.12	50	5.88	34.049	6.12	26.83	122	122	0.1056
75	3.07	33.999	6.02	75	3.07	33.999	6.02	27.10	097	097	0.1331
100	1.58	33.974	6.02	100	1.58	33.974	6.02	27.20	087	087	0.1563
125	1.07	33.997	6.02	125	1.07	33.997	6.02	27.25	082	082	0.1775
150	0.97	34.008	5.92	150	0.97	34.008	5.92	27.27	081	081	0.1980
200	0.75	34.023	5.82	200	0.75	34.023	5.82	27.29	078	078	0.2379
250	0.64	34.024	5.61	250	0.64	34.024	5.61	27.30	077	077	0.2770
300	0.52	34.028	5.61	300	0.52	34.028	5.61	27.31	077	076	0.3156

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
GYUNGBUG 853 , STATION 106-04 , 37-53.7. N. 129-03.8. E, DEC. 10. 1987, 00:05 KST.											
DEPTH 710 , COLOR , TRANS. , WAVE SW 0, SWELL SW 0, WIND SW 3 , BARO 1025. ,											
AIR TEMP. DRY 7.1, WET , CLOUD, TYPE NS, AMT 09, WEATHER C											
0	12.02	33.673	5.60	0	12.02	33.673	5.60	25.57	242	241	0.0000
10	12.00	33.726	5.51	10	12.00	33.726	5.51	25.62	237	237	0.0239
20	11.87	33.719	5.61	20	11.87	33.719	5.61	25.63	236	236	0.0477
30	11.64	33.719	5.92	30	11.64	33.719	5.92	25.68	232	232	0.0711
50	5.85	33.984	6.12	50	5.85	33.984	6.12	26.79	126	127	0.1070
75	3.12	33.990	6.13	75	3.12	33.990	6.13	27.09	098	098	0.1353
100	1.39	33.967	6.23	100	1.39	33.967	6.23	27.21	086	086	0.1584
125	1.05	33.993	6.33	125	1.05	33.993	6.33	27.25	082	082	0.1796
150	0.89	34.004	5.92	150	0.89	34.004	5.92	27.27	081	080	0.2001
200	0.81	34.016	5.61	200	0.81	34.016	5.61	27.28	079	079	0.2401
250	0.64	34.022	5.82	250	0.64	34.022	5.82	27.30	078	077	0.2795
300	0.55	34.026	5.71	300	0.55	34.026	5.71	27.31	077	077	0.3183
400	0.44	34.034	5.51	400	0.44	34.034	5.51	27.32	076	075	0.3947
500	0.37	34.034	5.71	500	0.37	34.034	5.71	27.32	075	075	0.4703

GYUNGBUG 853 , STATION 106-05 , 37-53.7. N. 129-22.1. E, DEC. 9. 1987, 21:59 KST.											
DEPTH 1120 , COLOR , TRANS. , WAVE SW 3, SWELL SW 1, WIND SW 3 , BARO 1027. ,											
AIR TEMP. DRY 8.0, WET , CLOUD, TYPE NS, AMT 09, WEATHER C											
0	11.93	33.710	5.51	0	11.93	33.710	5.51	25.62	237	237	0.0000
10	11.96	33.705	5.71	10	11.96	33.705	5.71	25.61	238	238	0.0238
20	11.96	33.706	5.71	20	11.96	33.706	5.71	25.61	238	238	0.0476
30	11.96	33.705	5.82	30	11.96	33.705	5.82	25.61	238	239	0.0715
50	7.66	34.308	5.71	50	7.66	34.308	5.71	26.80	125	126	0.1081
75	3.76	34.069	5.92	75	3.76	34.069	5.92	27.09	098	098	0.1362
100	2.14	34.002	5.71	100	2.14	34.002	5.71	27.18	089	089	0.1597
125	1.29	33.989	5.71	125	1.29	33.989	5.71	27.23	084	084	0.1815
150	0.96	33.994	5.51	150	0.96	33.994	5.51	27.26	082	082	0.2023

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
200	0.77	34.018	5.82	200	0.77	34.018	5.82	27.29	079	079	0.2426
250	0.62	34.024	5.61	250	0.62	34.024	5.61	27.30	077	077	0.2818
300	0.53	34.029	5.71	300	0.53	34.029	5.71	27.31	077	076	0.3204
400	0.45	34.034	5.52	400	0.45	34.034	5.52	27.32	076	075	0.3967
500	0.39	34.034	5.62	500	0.39	34.034	5.62	27.32	075	075	0.4723

GYUNGBUG 853 , STATION 106-06 , 37-53.7. N, 129-41.3. E, DEC. 9, 1987, 20:00 KST,
 DEPTH 1620 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 2 , BARO 1027. ,
 AIR TEMP. DRY 10.0, WET , CLOUD. TYPE NS, AMT 09, WEATHER C

0	15.68	33.917	5.51	0	15.68	33.917	5.51	25.00	296	296	0.0000
10	15.69	33.922	5.50	10	15.69	33.922	5.50	25.00	296	296	0.0296
20	15.73	33.928	5.41	20	15.73	33.928	5.41	25.00	296	296	0.0592
30	15.73	33.928	5.51	30	15.73	33.928	5.51	25.00	296	297	0.0889
50	15.76	33.937	5.82	50	15.76	33.937	5.82	25.00	296	297	0.1484
75	12.08	34.214	6.12	75	12.08	34.214	6.12	25.98	203	204	0.2112
100	6.43	34.066	6.12	100	6.43	34.066	6.12	26.78	127	128	0.2529
125	2.30	33.979	6.22	125	2.30	33.979	6.22	27.15	092	092	0.2806
150	1.46	33.995	5.82	150	1.46	33.995	5.82	27.22	085	085	0.3029
200	0.71	33.989	5.61	200	0.71	33.989	5.61	27.27	081	080	0.3444
250	0.64	34.018	5.51	250	0.64	34.018	5.51	27.30	078	078	0.3842
300	0.59	34.026	5.51	300	0.59	34.026	5.51	27.30	077	077	0.4231
400	0.46	34.030	5.51	400	0.46	34.030	5.51	27.32	076	076	0.4999
500	0.38	34.031	5.51	500	0.38	34.031	5.51	27.32	076	075	0.5758

GYUNGBUG 853 , STATION 106-07 , 37-53.7. N, 130-00.0. E, DEC. 9, 1987, 17:55 KST,
 DEPTH 1060 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 2 , BARO 1027. ,
 AIR TEMP. DRY 10.4, WET , CLOUD. TYPE NS, AMT 08, WEATHER C

0	15.40	33.867	5.71	0	15.40	33.867	5.71	25.03	294	293	0.0000
10	15.44	33.866	5.61	10	15.44	33.866	5.61	25.02	294	294	0.0294

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
20	15.44	33.867	5.82	20	15.44	33.867	5.82	25.02	294	295	0.0589
30	15.44	33.867	5.82	30	15.44	33.867	5.82	25.02	294	295	0.0884
50	15.48	33.881	5.82	50	15.48	33.881	5.82	25.02	294	295	0.1475
75	15.48	33.887	5.71	75	15.48	33.887	5.71	25.02	294	296	0.2215
100	12.29	34.375	5.41	100	12.29	34.375	5.41	26.06	195	197	0.2832
125	6.97	34.179	5.50	125	6.97	34.179	5.50	26.79	126	127	0.3239
150	3.85	34.063	5.40	150	3.85	34.063	5.40	27.07	099	100	0.3524
200	1.32	34.000	5.51	200	1.32	34.000	5.51	27.24	083	084	0.3985
250	0.86	34.017	5.71	250	0.86	34.017	5.71	27.28	079	079	0.4395
300	0.67	34.021	5.82	300	0.67	34.021	5.82	27.30	078	078	0.4790
400	0.51	34.029	5.61	400	0.51	34.029	5.61	27.31	076	076	0.5564
500	0.42	34.031	5.51	500	0.42	34.031	5.51	27.32	076	075	0.6326

GYUNGBUG 853 , STATION 106-08 , 37-53.7. N, 130-18.9. E, DEC. 9, 1987, 15:54 KST,
 DEPTH 1800 , COLOR 4, TRANS. 14.5, WAVE NW 2, SWELL NW 0, WIND NW 2 , BARO 1027. ,
 AIR TEMP. DRY 11.3, WET , CLOUD, TYPE NS, AMT 08, WEATHER C

0	15.36	33.882	5.61	0	15.36	33.882	5.61	25.05	292	291	0.0000
10	15.49	33.879	5.62	10	15.49	33.879	5.62	25.02	295	295	0.0293
20	15.50	33.881	5.82	20	15.50	33.881	5.82	25.01	295	295	0.0588
30	15.49	33.880	5.82	30	15.49	33.880	5.82	25.02	294	295	0.0884
50	15.45	33.908	5.82	50	15.45	33.908	5.82	25.05	292	293	0.1472
75	14.30	33.943	5.71	75	14.30	33.943	5.71	25.32	265	267	0.2173
100	14.58	34.207	5.92	100	14.58	34.207	5.92	25.47	252	254	0.2826
125	9.41	34.239	5.83	125	9.41	34.239	5.83	26.47	156	158	0.3342
150	5.40	34.061	5.82	150	5.40	34.061	5.82	26.90	115	117	0.3687
200	2.25	34.006	5.92	200	2.25	34.006	5.92	27.17	090	090	0.4207
250	1.22	34.006	5.82	250	1.22	34.006	5.82	27.25	082	083	0.4641
300	0.81	34.019	5.92	300	0.81	34.019	5.92	27.29	079	079	0.5047
400	0.53	34.030	5.61	400	0.53	34.030	5.61	27.31	077	076	0.5827
500	0.42	34.032	5.51	500	0.42	34.032	5.51	27.32	076	075	0.6589

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 106-09 , 37-53.7. N, 130-37.7. E, DEC. 9.1987, 13:59 KST,
 DEPTH 2250 , COLOR 4, TRANS. 14.0, WAVE SW 1, SWELL SW 0, WIND NW 2 , BARO 1027. ,
 AIR TEMP. DRY 12.9, WET , CLOUD. TYPE CI, AMT 05, WEATHER BC

0	15.31	33.919	5.51	0	15.31	33.919	5.51	25.09	288	288	0.0000
10	14.98	33.931	5.51	10	14.98	33.931	5.51	25.17	280	280	0.0284
20	14.50	33.942	5.61	20	14.50	33.942	5.61	25.28	269	270	0.0559
30	14.47	33.941	5.72	30	14.47	33.941	5.72	25.28	269	269	0.0829
50	14.22	33.928	5.71	50	14.22	33.928	5.71	25.33	265	266	0.1365
75	14.08	33.916	5.61	75	14.08	33.916	5.61	25.35	263	265	0.2030
100	13.88	33.961	5.61	100	13.88	33.961	5.61	25.42	256	258	0.2684
125	10.86	34.262	5.61	125	10.86	34.262	5.61	26.24	178	180	0.3233
150	6.95	34.132	5.81	150	6.95	34.132	5.81	26.76	129	131	0.3624
200	3.86	34.034	5.82	200	3.86	34.034	5.82	27.05	101	103	0.4210
250	1.75	34.017	5.82	250	1.75	34.017	5.82	27.22	085	086	0.4683
300	0.95	34.010	5.92	300	0.95	34.010	5.92	27.27	080	080	0.5100
400	0.64	34.025	5.71	400	0.64	34.025	5.71	27.30	077	077	0.5894
500	0.49	34.031	5.71	500	0.49	34.031	5.71	27.31	076	076	0.6664

GYUNGBUG 853 , STATION 106-10 , 37-53.7. N, 130-56.5. E, DEC. 9.1987, 12:00 KST,
 DEPTH 1980 , COLOR 4, TRANS. 14.0, WAVE SW 1, SWELL SW 0, WIND SW 1 , BARO 1028. ,
 AIR TEMP. DRY 12.4, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	14.18	33.941	5.51	0	14.18	33.941	5.51	25.35	263	263	0.0000
10	14.16	33.942	5.51	10	14.16	33.942	5.51	25.35	263	263	0.0263
20	14.16	33.945	5.61	20	14.16	33.945	5.61	25.35	262	263	0.0526
30	14.16	33.948	5.71	30	14.16	33.948	5.71	25.36	262	263	0.0789
50	14.16	33.948	5.92	50	14.16	33.948	5.92	25.36	262	263	0.1316

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
75	14.16	33.954	6.12	75	14.16	33.954	6.12	25.36	262	263	0.1975
100	12.64	34.378	5.92	100	12.64	34.378	5.92	26.00	201	203	0.2560
125	9.73	34.253	5.82	125	9.73	34.253	5.82	26.43	160	162	0.3018
150	8.79	34.169	5.71	150	8.79	34.169	5.71	26.52	152	154	0.3415
200	8.14	34.136	6.12	200	8.14	34.136	6.12	26.59	145	148	0.4174
250	5.88	34.063	5.92	250	5.88	34.063	5.92	26.84	121	124	0.4855
300	3.11	34.013	6.02	300	3.11	34.013	6.02	27.11	096	098	0.5411
400	1.07	34.018	5.82	400	1.07	34.018	5.82	27.27	081	081	0.6308
500	0.61	34.027	5.82	500	0.61	34.027	5.82	27.30	077	077	0.7101

GYUNGHUG 853 , STATION 106-11 , 37-53.7. N, 131-15.1. E, DEC. 9.1987, 10:01 KST.
 DEPTH 2070 , COLOR 4, TRANS. 13.5, WAVE SW 1, SWELL SW 0, WIND SW 1 , BARO 1029. ,
 AIR TEMP. DRY 12.0, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	14.04	33.842	5.51	0	14.04	33.842	5.51	25.30	268	267	0.0000
10	13.88	33.972	5.92	10	13.88	33.972	5.92	25.43	255	255	0.0261
20	13.83	33.979	5.82	20	13.83	33.979	5.82	25.45	253	254	0.0516
30	13.82	33.983	5.82	30	13.82	33.983	5.82	25.45	253	253	0.0770
50	13.81	33.987	5.51	50	13.81	33.987	5.51	25.46	252	253	0.1277
75	13.82	33.989	5.71	75	13.82	33.989	5.71	25.46	252	254	0.1913
100	11.46	34.338	5.81	100	11.46	34.338	5.81	26.19	183	185	0.2463
125	9.65	34.240	6.12	125	9.65	34.240	6.12	26.43	160	162	0.2897
150	8.75	34.163	6.12	150	8.75	34.163	6.12	26.52	152	154	0.3294
200	8.43	34.149	6.22	200	8.43	34.149	6.22	26.56	148	151	0.4060
250	7.72	34.107	6.02	250	7.72	34.107	6.02	26.63	141	145	0.4803
300	4.54	34.035	5.82	300	4.54	34.035	5.82	26.98	108	111	0.5444
400	1.41	34.011	5.82	400	1.41	34.011	5.82	27.24	083	084	0.6421
500	0.64	34.027	5.71	500	0.64	34.027	5.71	27.30	077	077	0.7231

105 線 海洋觀測 成績 Oceanographic Data. Line 105

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

2 月(February)

GANGWON 867 , STATION 105-03 , 37-33.2. N, 129-10.3. E, FEB.22.1987, 05:05 KST,
 DEPTH 48 , COLOR , TRANS. , WAVE NW 1, SWELL NW 1, WIND NW 3 , BARO 1016. ,
 AIR TEMP. DRY 3.3, WET , CLOUD, TYPE CI, AMT 04, WEATHER BC

0	9.41	33.580	7.08	0	9.41	33.580	7.08	25.96	205	205	0.0000
10	9.43	33.640	7.28	10	9.43	33.640	7.28	26.00	201	201	0.0203
20	9.50	33.738	6.98	20	9.50	33.738	6.98	26.07	195	195	0.0401
30	9.33	33.992	6.78	30	9.33	33.992	6.78	26.29	173	173	0.0586
45	9.03	34.239	6.27								

GANGWON 867 , STATION 105-04 , 37-33.2. N, 129-15.5. E, FEB.22.1987, 04:45 KST,
 DEPTH 250 , COLOR , TRANS. , WAVE NW 1, SWELL NW 1, WIND NW 1 , BARO 1016. ,
 AIR TEMP. DRY 3.5, WET , CLOUD, TYPE CI, AMT 04, WEATHER BC

0	9.26	34.281	6.88	0	9.26	34.281	6.88	26.53	151	150	0.0000
10	9.30	34.275	7.28	10	9.30	34.275	7.28	26.52	152	152	0.0151
20	9.30	34.229	6.88	20	9.30	34.229	6.88	26.48	155	155	0.0305
30	9.27	34.265	6.88	30	9.27	34.265	6.88	26.51	152	152	0.0459
50	9.20	34.218	6.58	50	9.20	34.218	6.58	26.49	154	155	0.0768
75	9.18	34.204	6.47	75	9.18	34.204	6.47	26.48	155	156	0.1158
100	8.55	34.179	6.27	100	8.55	34.179	6.27	26.56	148	149	0.1541
120	3.73	34.112	5.87	125	3.41	34.107	5.83	27.15	092	092	0.1844
146	2.10	34.087	5.67	150	2.04	34.088	5.67	27.26	082	082	0.2063
185	1.55	34.100	5.67	200	1.37	34.102	5.67	27.32	076	076	0.2462
245	0.84	34.108	5.67								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
GANGWON 867 , STATION 105-05 , 37-33.2. N, 129-22.6. E, FEB. 22. 1987, 03:50 KST.											
DEPTH 380 , COLOR , TRANS. , WAVE NW 1, SWELL NW 1, WIND NW 1 , BARO 1016. ,											
AIR TEMP. DRY 3.8, WET , CLOUD, TYPE CI, AMT 05, WEATHER BC											
0	9.20	34.238	6.98	0	9.20	34.238	6.98	26.51	153	153	0.0000
10	9.30	34.300	6.98	10	9.30	34.300	6.98	26.54	150	150	0.0151
20	9.26	34.354	6.78	20	9.26	34.354	6.78	26.59	145	145	0.0299
30	9.18	34.295	6.47	30	9.18	34.295	6.47	26.55	148	149	0.0447
50	9.15	34.277	6.47	50	9.15	34.277	6.47	26.54	149	150	0.0747
75	9.09	34.251	6.37	75	9.09	34.251	6.37	26.53	150	151	0.1125
95	6.04	34.220	6.37	100	5.49	34.213	6.35	27.01	105	106	0.1448
123	3.01	34.183	6.27	125	2.89	34.179	6.25	27.26	082	082	0.1684
142	1.89	34.145	6.17	150	1.77	34.150	6.15	27.33	075	075	0.1882
194	1.11	34.179	6.07	200	1.08	34.184	6.05	27.40	068	068	0.2243
245	0.89	34.229	5.97	250	0.86	34.227	5.95	27.45	063	063	0.2574
288	0.71	34.212	5.87	300	0.69	34.205	5.82	27.44	064	064	0.2895
370	0.58	34.165	5.57								

GANGWON 867 , STATION 105-06 , 37-33.2. N, 129-41.3. E, FEB. 22. 1987, 02:30 KST.											
DEPTH 810 , COLOR , TRANS. , WAVE NW 1, SWELL NW 1, WIND NW 1 , BARO 1016. ,											
AIR TEMP. DRY 4.5, WET , CLOUD, TYPE CI, AMT 06, WEATHER BC											
0	9.62	34.272	6.88	0	9.62	34.272	6.88	26.46	157	157	0.0000
10	9.68	34.294	6.67	10	9.68	34.294	6.67	26.47	156	156	0.0156
20	9.70	34.346	6.57	20	9.70	34.346	6.57	26.51	153	153	0.0311
30	9.67	34.265	6.37	30	9.67	34.265	6.37	26.45	158	159	0.0468
50	9.64	34.241	6.27	50	9.64	34.241	6.27	26.44	160	160	0.0788
75	9.58	34.234	6.07	75	9.58	34.234	6.07	26.44	159	160	0.1190
101	9.10	34.217	5.97	100	9.11	34.217	5.97	26.50	153	155	0.1585
124	8.24	34.175	5.87	125	8.19	34.177	5.87	26.62	143	144	0.1960
146	7.18	34.222	5.97	150	7.02	34.224	5.97	26.82	123	125	0.2298

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
193	5.35	34.256	5.97	200	5.11	34.258	5.95	27.09	097	099	0.2861
237	3.90	34.272	5.87	250	3.33	34.259	5.80	27.28	080	081	0.3315
278	2.13	34.231	5.67	300	1.79	34.225	5.67	27.38	070	070	0.3696
367	0.79	34.208	5.67	400	0.65	34.179	5.63	27.42	066	066	0.4381
460	0.42	34.128	5.57								

GANGWON 867 , STATION 105-07 , 37-33.2. N, 130-00.0. E, FEB.22.1987, 01:05 KST,
 DEPTH 1480 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 2 , BARO 1016. ,
 AIR TEMP. DRY 4.8, WET , CLOUD. TYPE CI, AMT 07, WEATHER BC

0	9.54	34.260	6.98	0	9.54	34.260	6.98	26.47	157	156	0.0000
10	9.59	34.307	6.68	10	9.59	34.307	6.68	26.49	154	154	0.0155
20	9.59	34.265	6.58	20	9.59	34.265	6.58	26.46	157	157	0.0311
30	9.63	34.295	6.47	30	9.63	34.295	6.47	26.48	155	156	0.0468
50	9.62	34.362	6.37	50	9.62	34.362	6.37	26.53	150	151	0.0776
75	9.61	34.261	6.17	75	9.61	34.261	6.17	26.46	158	159	0.1164
95	9.58	34.243	6.17	100	9.51	34.246	6.18	26.46	157	159	0.1563
125	9.17	34.265	6.27	125	9.17	34.265	6.27	26.53	151	153	0.1953
150	8.26	34.405	6.17	150	8.26	34.405	6.17	26.78	127	129	0.2306
199	7.05	34.389	6.17	200	6.94	34.388	6.16	26.96	110	112	0.2912
240	2.74	34.359	5.97	250	2.70	34.320	5.94	27.39	069	071	0.3373
289	2.58	34.170	5.87	300	2.40	34.160	5.85	27.28	079	080	0.3752
387	1.03	34.085	5.77	400	0.97	34.087	5.74	27.33	075	075	0.4533
485	0.59	34.107	5.57								

GANGWON 867 , STATION 105-08 , 37-33.2. N, 130-18.7. E, FEB.21.1987, 23:30 KST,
 DEPTH 1503 , COLOR , TRANS. , WAVE 0, SWELL 0, WIND 0 , BARO 1016. ,
 AIR TEMP. DRY 7.0, WET , CLOUD. TYPE CI, AMT 04, WEATHER BC

0	9.68	34.348	6.77	0	9.68	34.348	6.77	26.51	152	152	0.0000
10	9.69	34.312	6.88	10	9.69	34.312	6.88	26.48	155	155	0.0154

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
20	9.72	34.245	6.88	20	9.72	34.245	6.88	26.42	161	161	0.0312
30	9.75	34.257	6.78	30	9.75	34.257	6.78	26.43	160	160	0.0473
50	9.66	34.276	6.68	50	9.66	34.276	6.68	26.46	157	158	0.0792
75	9.66	34.311	6.58	75	9.66	34.311	6.58	26.49	155	156	0.1186
100	9.52	34.413	6.37	100	9.52	34.413	6.37	26.59	145	147	0.1566
120	9.03	34.359	6.27	125	8.87	34.336	6.22	26.63	141	143	0.1929
143	8.30	34.256	6.07	150	8.25	34.250	6.07	26.66	138	140	0.2284
196	7.93	34.211	6.07	200	7.57	34.207	6.04	26.73	132	135	0.2973
243	3.73	34.174	5.77	250	3.56	34.174	5.75	27.19	088	090	0.3536
288	2.70	34.174	5.67	300	2.46	34.164	5.64	27.28	079	080	0.3964
385	0.78	34.098	5.46	400	0.73	34.099	5.43	27.35	072	072	0.4732
485	0.46	34.105	5.26								

GANCWON 867 , STATION 105-09 , 37-33.2. N, 130-37.5. E, FEB.21.1987, 21:55 KST,
 DEPTH 1140 , COLOR , TRANS. , WAVE 0, SWELL 0, WIND 0 , BARO 1016. ,
 AIR TEMP. DRY 6.8, WET , CLOUD. TYPE CI, AMT 04, WEATHER BC

0	9.53	34.225	6.77	0	9.53	34.225	6.77	26.44	159	159	0.0000
10	9.56	34.339	6.98	10	9.56	34.339	6.98	26.52	151	151	0.0155
20	9.60	34.322	6.88	20	9.60	34.322	6.88	26.51	153	153	0.0307
30	9.60	34.261	6.88	30	9.60	34.261	6.88	26.46	157	158	0.0463
50	9.59	34.250	6.58	50	9.59	34.250	6.58	26.45	158	159	0.0781
75	9.56	34.210	6.37	75	9.56	34.210	6.37	26.42	161	162	0.1183
100	9.07	34.175	6.27	100	9.07	34.175	6.27	26.48	156	157	0.1583
125	8.11	34.154	6.27	125	8.11	34.154	6.27	26.61	143	145	0.1962
150	6.86	34.111	5.97	150	6.86	34.111	5.97	26.75	129	131	0.2308
203	2.83	34.098	5.67	200	3.05	34.098	5.68	27.18	089	090	0.2864
255	1.19	34.162	5.67	250	1.34	34.155	5.67	27.36	072	072	0.3272
307	0.72	34.150	5.57	300	0.78	34.151	5.58	27.39	069	069	0.3626
384	0.56	34.134	5.57	400	0.53	34.131	5.53	27.39	069	069	0.4317
479	0.41	34.119	5.36								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GANGWON 867 , STATION 105-10 , 37-33.2. N, 130-55.9. E, FEB. 21, 1987, 20:25 KST,
 DEPTH 1800 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 2 , BARO 1016. ,
 AIR TEMP. DRY 6.5, WET , CLOUD, TYPE CI, AMT 04, WEATHER BC

0	9.16	34.218	6.78	0	9.16	34.218	6.78	26.50	154	154	0.0000
10	9.28	34.249	6.78	10	9.28	34.249	6.78	26.50	153	153	0.0153
20	9.16	34.217	6.68	20	9.16	34.217	6.68	26.50	154	154	0.0308
30	8.17	34.226	6.47	30	8.17	34.226	6.47	26.66	139	139	0.0454
50	8.08	34.233	6.37	50	8.08	34.233	6.37	26.68	137	137	0.0732
75	8.05	34.179	6.37	75	8.05	34.179	6.37	26.64	140	141	0.1081
92	6.92	34.089	6.27	100	6.70	34.079	6.29	26.75	130	131	0.1423
119	6.21	34.058	6.37	125	6.09	34.050	6.34	26.81	124	126	0.1744
147	5.67	34.025	6.27	150	5.50	34.026	6.26	26.86	119	121	0.2053
196	3.01	34.051	6.17	200	2.92	34.051	6.14	27.15	092	092	0.2589
245	2.02	34.060	5.87	250	1.92	34.060	5.85	27.24	083	084	0.3032
294	1.11	34.064	5.77	300	1.09	34.061	5.77	27.30	077	078	0.3437
392	0.89	34.021	5.77	400	0.86	34.027	5.75	27.29	079	079	0.4223
495	0.61	34.099	5.57								

GANGWON 867 , STATION 105-11 , 37-33.2. N, 131-14.6. E, FEB. 21, 1987, 19:00 KST,
 DEPTH 2375 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 2 , BARO 1016. ,
 AIR TEMP. DRY 6.5, WET , CLOUD, TYPE CI, AMT 05, WEATHER BC

0	9.26	34.361	6.67	0	9.26	34.361	6.67	26.59	145	144	0.0000
10	9.18	34.373	6.67	10	9.18	34.373	6.67	26.61	143	143	0.0144
20	8.92	34.384	6.88	20	8.92	34.384	6.88	26.66	138	138	0.0284
30	8.80	34.382	6.47	30	8.80	34.382	6.47	26.68	136	136	0.0422
50	8.47	34.370	6.27	50	8.47	34.370	6.27	26.72	132	133	0.0692
75	8.31	34.261	6.17	75	8.31	34.261	6.17	26.66	138	139	0.1033
97	7.78	34.221	6.07	100	7.55	34.217	6.07	26.74	131	132	0.1373
123	5.80	34.187	6.07	125	5.71	34.183	6.05	26.96	110	111	0.1678
148	4.77	34.145	5.87	150	4.65	34.143	5.86	27.05	101	102	0.1946

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
198	1.93	34.098	5.67	200	1.90	34.095	5.67	27.27	080	081	0.2406
246	1.39	34.046	5.67	250	1.34	34.050	5.66	27.28	080	080	0.2810
297	0.81	34.099	5.57	300	0.80	34.100	5.56	27.35	073	073	0.3195
399	0.73	34.134	5.46	400	0.72	34.133	5.45	27.38	070	070	0.3911
483	0.63	34.113	5.36								

4月(April)

GANGWON 867 , STATION 105-03 , 37-33.2. N, 129-10.3. E, APR. 19. 1987, 07:00 KST,
 DEPTH 48 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 1 , BARO 1011. ,
 AIR TEMP. DRY 12.4, WET , CLOUD. TYPE , AMT , WEATHER B

0	11.78	34.481	6.64	0	11.78	34.481	6.64	26.24	178	178	0.0000
10	11.55	34.466	6.64	10	11.55	34.466	6.64	26.27	175	175	0.0176
20	9.60	34.390	6.54	20	9.60	34.390	6.54	26.56	148	148	0.0338
30	8.55	34.268	6.75	30	8.55	34.268	6.75	26.63	141	141	0.0483
46	6.59	34.240	6.75								

GANGWON 867 , STATION 105-04 , 37-33.2. N, 129-15.5. E, APR. 19. 1987, 06:15 KST,
 DEPTH 250 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 1 , BARO 1011. ,
 AIR TEMP. DRY 12.2, WET , CLOUD. TYPE , AMT , WEATHER B

0	12.14	34.492	6.76	0	12.14	34.492	6.76	26.18	184	183	0.0000
10	11.74	34.458	7.07	10	11.74	34.458	7.07	26.23	179	179	0.0181
20	8.65	34.409	7.06	20	8.65	34.409	7.06	26.73	132	132	0.0337
30	8.37	34.267	6.96	30	8.37	34.267	6.96	26.66	138	139	0.0473
50	8.05	34.234	6.75	50	8.05	34.234	6.75	26.68	136	137	0.0749
75	7.32	34.202	6.75	75	7.32	34.202	6.75	26.76	129	129	0.1083
100	6.26	34.147	6.44	100	6.26	34.147	6.44	26.86	119	120	0.1397
124	5.96	34.114	6.33	125	5.93	34.113	6.32	26.88	118	119	0.1697
148	5.35	34.112	6.12	150	5.21	34.110	6.10	26.96	110	111	0.1985
196	2.18	34.071	5.81	200	2.15	34.073	5.79	27.24	084	084	0.2476
225	1.97	34.091	5.71								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
GANGWON 867 , STATION 105-05 , 37-33.2. N, 129-22.6. E, APR. 19, 1987, 05:15 KST, DEPTH 380 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 1 , BARO 1011. , AIR TEMP. DRY 12.0, WET , CLOUD, TYPE , AMT , WEATHER B											
0	11.04	34.431	6.96	0	11.04	34.431	6.96	26.34	169	168	0.0000
10	10.12	34.366	7.17	10	10.12	34.366	7.17	26.45	158	158	0.0163
20	9.49	34.361	7.27	20	9.49	34.361	7.27	26.55	148	148	0.0317
30	9.18	34.359	7.16	30	9.18	34.359	7.16	26.60	144	144	0.0464
50	8.77	34.266	7.16	50	8.77	34.266	7.16	26.60	144	145	0.0754
75	8.13	34.233	6.96	75	8.13	34.233	6.96	26.67	137	138	0.1109
100	7.24	34.211	6.75	100	7.24	34.211	6.75	26.78	127	128	0.1444
125	7.20	34.150	6.75	125	7.20	34.150	6.75	26.74	131	132	0.1771
145	5.91	34.128	6.64	150	5.70	34.121	6.63	26.91	114	116	0.2082
196	3.85	34.066	6.54	200	3.69	34.066	6.49	27.09	097	099	0.2621
247	1.82	34.070	6.02	250	1.77	34.070	6.00	27.26	081	082	0.3074
299	1.02	34.077	5.81	300	1.01	34.077	5.80	27.32	076	076	0.3470
343	0.85	34.086	5.71								

GANGWON 867 , STATION 105-06 , 37-33.2. N, 129-41.3. E, APR. 19, 1987, 03:45 KST, DEPTH 810 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 1 , BARO 1011. , AIR TEMP. DRY 11.4, WET , CLOUD, TYPE , AMT , WEATHER B											
0	10.46	34.275	6.75	0	10.46	34.275	6.75	26.32	170	170	0.0000
10	9.71	34.294	6.96	10	9.71	34.294	6.96	26.46	157	157	0.0163
20	9.57	34.265	7.04	20	9.57	34.265	7.04	26.47	157	157	0.0321
30	9.28	34.253	7.06	30	9.28	34.253	7.06	26.50	153	153	0.0476
50	8.41	34.249	7.06	50	8.41	34.249	7.06	26.64	140	141	0.0771
75	8.25	34.221	6.96	75	8.25	34.221	6.96	26.64	140	141	0.1125
94	7.77	34.214	6.85	100	7.46	34.190	6.80	26.73	131	133	0.1469
123	6.31	34.102	6.64	125	6.09	34.096	6.64	26.84	121	122	0.1789
144	4.05	34.044	6.64	150	3.76	34.037	6.61	27.06	100	101	0.2069

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
187	1.98	33.998	6.44	200	1.76	34.018	6.41	27.22	085	085	0.2537
238	1.13	34.079	6.33	250	1.03	34.085	6.25	27.32	075	075	0.2941
290	0.71	34.105	6.02	300	0.69	34.105	5.98	27.36	072	072	0.3311
393	0.56	34.110	5.71	400	0.54	34.110	5.70	27.38	070	070	0.4024
491	0.39	34.119	5.61								

GANGWON 867 , STATION 105-07 , 37-33.2. N, 130-00.0. E. APR. 19. 1987, 02:10 KST,
 DEPTH 1480 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 1 , BARO 1011. ,
 AIR TEMP. DRY 11.3, WET , CLOUD. TYPE , AMT , WEATHER B

0	10.20	34.317	6.75	0	10.20	34.317	6.75	26.40	163	163	0.0000
10	9.38	34.320	7.06	10	9.38	34.320	7.06	26.54	150	150	0.0156
20	8.15	34.297	7.04	20	8.15	34.297	7.04	26.72	133	133	0.0298
30	7.60	34.212	7.16	30	7.60	34.212	7.16	26.73	132	132	0.0431
50	6.56	34.110	6.96	50	6.56	34.110	6.96	26.79	126	126	0.0690
75	5.42	34.086	6.66	75	5.42	34.086	6.66	26.92	114	114	0.0991
100	3.12	34.050	6.54	100	3.12	34.050	6.54	27.13	093	094	0.1252
125	2.98	34.033	6.44	125	2.98	34.033	6.44	27.13	093	094	0.1488
150	2.19	34.024	6.24	150	2.19	34.024	6.24	27.19	088	088	0.1717
201	1.37	34.082	6.03	200	1.38	34.080	6.03	27.30	078	078	0.2134
243	1.34	34.070	5.83	250	1.25	34.069	5.79	27.30	078	078	0.2527
286	0.79	34.065	5.62	300	0.75	34.071	5.60	27.33	075	074	0.2910
385	0.54	34.113	5.50	400	0.51	34.114	5.51	27.38	070	070	0.3636
472	0.40	34.124	5.61								

GANGWON 867 , STATION 105-08 , 37-33.2. N, 130-18.7. E. APR. 19. 1987, 00:40 KST,
 DEPTH 1503 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 1 , BARO 1011. ,
 AIR TEMP. DRY 10.8, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	11.00	34.323	6.96	0	11.00	34.323	6.96	26.26	176	176	0.0000
10	10.09	34.335	7.37	10	10.09	34.335	7.37	26.43	160	160	0.0168

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
20	9.82	34.299	7.27	20	9.82	34.299	7.27	26.45	158	158	0.0327
30	7.02	34.215	7.06	30	7.02	34.215	7.06	26.81	124	124	0.0469
50	5.62	34.103	6.54	50	5.62	34.103	6.54	26.91	115	115	0.0709
75	4.28	34.067	6.44	75	4.28	34.067	6.44	27.03	103	103	0.0983
99	3.00	34.003	6.02	100	2.95	34.002	6.01	27.11	096	096	0.1233
121	2.05	34.000	5.81	125	2.03	33.999	5.78	27.19	088	089	0.1465
153	1.95	33.997	5.61	150	1.95	33.997	5.62	27.19	088	088	0.1687
190	1.45	34.039	5.50	200	1.35	34.045	5.50	27.27	080	080	0.2111
239	0.98	34.071	5.50	250	0.93	34.075	5.47	27.32	075	075	0.2503
287	0.78	34.092	5.40	300	0.73	34.095	5.38	27.35	073	073	0.2875
383	0.45	34.117	5.29	400	0.44	34.118	5.27	27.39	069	069	0.3587
480	0.43	34.128	5.19								

GANGWON 867 , STATION 105-09 , 37-33.2. N, 130-37.5. E, APR. 18, 1987, 23:00 KST.
 DEPTH 1140 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 1 , BARO 1011. ,
 AIR TEMP. DRY 12.0, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	12.93	34.555	6.64	0	12.93	34.555	6.64	26.08	194	193	0.0000
10	11.98	34.544	7.16	10	11.98	34.544	7.16	26.25	177	177	0.0185
20	10.90	34.230	6.96	20	10.90	34.230	6.96	26.21	181	181	0.0365
30	9.72	34.374	6.75	30	9.72	34.374	6.75	26.53	151	151	0.0531
50	8.79	34.275	6.33	50	8.79	34.275	6.33	26.60	144	145	0.0828
75	6.76	34.214	6.23	75	6.76	34.214	6.23	26.85	120	121	0.1162
100	4.36	34.105	6.23	100	4.36	34.105	6.23	27.05	101	102	0.1441
122	4.11	34.096	6.14	125	4.03	34.095	6.13	27.08	098	099	0.1693
145	3.50	34.092	6.12	150	3.45	34.092	6.07	27.14	093	094	0.1936
190	3.11	34.099	5.71	200	2.84	34.098	5.69	27.20	087	088	0.2394
241	1.76	34.098	5.62	250	1.63	34.097	5.60	27.29	078	079	0.2813
292	1.06	34.093	5.51	300	1.00	34.093	5.50	27.33	074	074	0.3199
373	0.49	34.102	5.50	400	0.49	34.104	5.44	27.37	071	070	0.3927
470	0.49	34.112	5.30								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
GANGWON 867 , STATION 105-10 , 37-33.2. N, 130-55.9. E, APR. 18, 1987, 21:30 KST, DEPTH 1800 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 1 , BARO 1011. , AIR TEMP. DRY 12.0, WET , CLOUD, TYPE CI, AMT 01, WEATHER B											
0	11.88	34.430	6.62	0	11.88	34.430	6.62	26.18	183	183	0.0000
10	10.88	34.460	6.93	10	10.88	34.460	6.93	26.39	164	164	0.0173
20	10.75	34.477	7.06	20	10.75	34.477	7.06	26.43	160	160	0.0336
30	10.12	34.413	6.75	30	10.12	34.413	6.75	26.49	155	155	0.0494
50	7.98	34.312	6.23	50	7.98	34.312	6.23	26.75	129	130	0.0780
75	7.32	34.214	5.92	75	7.32	34.214	5.92	26.77	128	129	0.1105
100	5.51	34.109	5.81	100	5.51	34.109	5.81	26.93	113	114	0.1409
134	3.11	34.071	5.81	125	3.74	34.081	5.81	27.10	097	097	0.1674
159	2.15	34.053	5.61	150	2.49	34.059	5.68	27.20	087	088	0.1907
208	1.29	34.090	5.50	200	1.43	34.083	5.51	27.30	078	078	0.2324
256	0.77	34.105	5.50	250	0.83	34.103	5.50	27.35	073	073	0.2703
293	0.67	34.086	5.40	300	0.65	34.083	5.39	27.35	073	073	0.3069
367	0.53	34.064	5.39	400	0.48	34.094	5.34	27.37	071	071	0.3794
440	0.43	34.131	5.30								

GANGWON 867 , STATION 105-11 , 37-33.2. N, 131-14.6. E, APR. 18, 1987, 20:00 KST, DEPTH 2375 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 1 , BARO 1011. , AIR TEMP. DRY 12.3, WET , CLOUD, TYPE , AMT , WEATHER B											
0	12.32	34.523	6.85	0	12.32	34.523	6.85	26.17	185	184	0.0000
10	11.12	34.503	7.27	10	11.12	34.503	7.27	26.38	165	165	0.0174
20	10.47	34.431	7.06	20	10.47	34.431	7.06	26.44	159	159	0.0337
30	9.60	34.339	6.96	30	9.60	34.339	6.96	26.52	152	152	0.0493
50	9.09	34.288	6.64	50	9.09	34.288	6.64	26.56	148	148	0.0794
75	7.85	34.254	6.33	75	7.85	34.254	6.33	26.73	132	133	0.1147
102	5.58	34.149	6.23	100	5.74	34.156	6.23	26.93	112	113	0.1456
122	3.05	34.074	5.81	125	2.92	34.074	5.79	27.17	090	090	0.1711
145	2.07	34.081	5.71	150	1.96	34.081	5.68	27.26	082	082	0.1928

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
190	1.15	34.087	5.50	200	1.11	34.092	5.49	27.33	075	075	0.2323
239	0.98	34.115	5.49	250	0.92	34.112	5.46	27.35	072	072	0.2695
287	0.72	34.102	5.39	300	0.70	34.094	5.35	27.35	073	072	0.3059
382	0.61	34.047	5.10	400	0.57	34.059	5.11	27.33	075	074	0.3797
485	0.39	34.117	5.19								

6月(June)

GYUNGBUG 853 , STATION 105-03 , 37-33.2. N, 129-10.3. E, JUN. 16, 1987, 03:20 KST,
 DEPTH 48 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1013. ,
 AIR TEMP. DRY 15.8, WET , CLOUD. TYPE , AMT 03, WEATHER BC

0	17.40	34.202	3.67	0	17.40	34.202	3.67	24.82	313	313	0.0000
10	16.31	34.306	6.02	10	16.31	34.306	6.02	25.16	281	281	0.0297
20	14.53	34.353	5.20	20	14.53	34.353	5.20	25.59	240	240	0.0558
30	13.15	34.326	4.49	30	13.15	34.326	4.49	25.86	215	215	0.0786
45	9.11	34.282	4.39								

GYUNGBUG 853 , STATION 105-04 , 37-33.2. N, 129-15.5. E, JUN. 16, 1987, 02:35 KST,
 DEPTH 250 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1013. ,
 AIR TEMP. DRY 16.2, WET , CLOUD. TYPE , AMT 03, WEATHER BC

0	17.54	34.156	4.08	0	17.54	34.156	4.08	24.75	320	319	0.0000
10	14.66	34.152	5.61	10	14.66	34.152	5.61	25.41	257	257	0.0288
20	14.01	34.167	4.90	20	14.01	34.167	4.90	25.56	243	243	0.0539
30	13.16	34.165	5.71	30	13.16	34.165	5.71	25.73	227	227	0.0775
50	10.02	34.046	5.40	50	10.02	34.046	5.40	26.22	180	181	0.1184
75	6.35	34.247	5.30	75	6.35	34.247	5.30	26.93	113	113	0.1553
100	4.76	34.385	4.69	100	4.76	34.385	4.69	27.23	084	085	0.1802
124	2.61	34.146	5.51	125	2.56	34.147	5.54	27.26	081	082	0.2011
140	1.92	34.165	6.12	150	1.77	34.158	6.02	27.33	075	075	0.2208
194	1.14	34.130	5.61	200	1.09	34.133	5.44	27.36	072	072	0.2577
242	0.77	34.161	4.29								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
GYUNGBUG 853 , STATION 105-05 , 37-33.2. N, 129-22.6. E, JUN. 16. 1987, 01:35 KST, DEPTH 380 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1013. , AIR TEMP. DRY 16.3, WET , CLOUD. TYPE , AMT 03, WEATHER BC											
0	17.77	34.132	5.20	0	17.77	34.132	5.20	24.68	327	326	0.0000
10	15.57	34.131	5.51	10	15.57	34.131	5.51	25.19	278	278	0.0302
20	13.38	34.183	5.10	20	13.38	34.183	5.10	25.70	230	230	0.0556
30	9.53	34.360	4.29	30	9.53	34.360	4.29	26.55	149	149	0.0746
50	7.41	34.199	6.12	50	7.41	34.199	6.12	26.75	130	131	0.1027
75	5.09	34.084	5.71	75	5.09	34.084	5.71	26.96	110	111	0.1330
100	2.70	34.037	5.71	100	2.70	34.037	5.71	27.16	091	091	0.1583
124	2.37	34.107	5.10	125	2.32	34.105	5.10	27.25	083	083	0.1802
148	1.35	34.075	5.20	150	1.34	34.075	5.19	27.30	078	078	0.2004
189	1.23	34.081	5.10	200	1.15	34.084	5.20	27.32	076	076	0.2392
242	0.87	34.097	5.61	250	0.83	34.099	5.40	27.35	073	073	0.2767
286	0.68	34.113	4.49	300	0.65	34.113	4.50	27.37	071	071	0.3128
374	0.54	34.116	4.59								
GYUNGBUG 853 , STATION 105-06 , 37-33.2. N, 129-41.3. E, JUN. 15. 1987, 23:40 KST, DEPTH 810 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1012. , AIR TEMP. DRY 16.3, WET , CLOUD. TYPE CU, AMT 03, WEATHER BC											
0	17.75	34.157	4.49	0	17.75	34.157	4.49	24.70	324	324	0.0000
10	14.21	34.178	6.12	10	14.21	34.178	6.12	25.52	246	246	0.0285
20	11.36	34.268	4.39	20	11.36	34.268	4.39	26.15	186	186	0.0502
30	9.02	34.227	4.49	30	9.02	34.227	4.49	26.53	151	151	0.0671
50	4.91	34.204	4.69	50	4.91	34.204	4.69	27.07	099	099	0.0923
75	2.21	34.059	4.60	75	2.21	34.059	4.60	27.22	085	085	0.1155
101	1.40	34.041	5.20	100	1.43	34.041	5.17	27.26	081	081	0.1364
128	1.36	34.055	5.31	125	1.36	34.053	5.29	27.28	080	080	0.1566
148	1.12	34.068	4.69	150	1.10	34.068	4.68	27.31	077	077	0.1763

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

189	0.82	34.085	4.60	200	0.79	34.091	4.64	27.34	073	073	0.2141
235	0.72	34.111	4.80	250	0.67	34.106	4.76	27.36	071	071	0.2504
280	0.57	34.098	4.69	300	0.53	34.099	4.71	27.37	071	071	0.2862
371	0.42	34.107	4.80	400	0.41	34.109	4.92	27.38	070	069	0.3569
462	0.41	34.116	5.20								

GYUNGBUG 853 , STATION 105-07 , 37-33.2. N, 130-00.0. E, JUN.15.1987, 21:40 KST,
 DEPTH 1480 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 3 , BARO 1011. ,
 AIR TEMP. DRY 17.8, WET , CLOUD. TYPE CU, AMT 02, WEATHER B

0	17.93	34.208	5.10	0	17.93	34.208	5.10	24.70	325	324	0.0000
10	17.48	34.242	5.61	10	17.48	34.242	5.61	24.83	312	312	0.0318
20	13.24	34.239	5.31	20	13.24	34.239	5.31	25.77	223	223	0.0586
30	7.30	34.310	4.80	30	7.30	34.310	4.80	26.85	120	120	0.0758
50	4.66	34.244	4.69	50	4.66	34.244	4.69	27.13	094	094	0.0974
75	2.40	34.057	4.90	75	2.40	34.057	4.90	27.20	087	087	0.1201
90	1.47	34.079	5.10	100	1.40	34.080	5.10	27.30	078	078	0.1408
120	1.28	34.082	5.10	125	1.24	34.080	4.98	27.31	077	077	0.1603
142	1.12	34.076	4.59	150	1.08	34.079	4.68	27.32	076	076	0.1795
185	0.92	34.095	5.10	200	0.86	34.089	5.03	27.34	074	074	0.2171
228	0.75	34.080	4.90	250	0.70	34.088	4.80	27.35	073	073	0.2540
277	0.65	34.098	4.69	300	0.61	34.101	4.66	27.36	072	071	0.2903
373	0.52	34.111	4.59	400	0.48	34.118	4.70	27.39	070	069	0.3611
469	0.40	34.138	5.00								

GYUNGBUG 853 , STATION 105-08 , 37-33.2. N, 130-18.7. E, JUN.15.1987, 19:45 KST,
 DEPTH 1503 , COLOR 3, TRANS. 17.0, WAVE NW 2, SWELL NW 1, WIND NW 2 , BARO 1011. ,
 AIR TEMP. DRY 19.5, WET , CLOUD. TYPE CU, AMT 02, WEATHER B

0	19.13	33.810	4.69	0	19.13	33.810	4.69	24.09	382	382	0.0000
10	19.08	33.887	4.81	10	19.08	33.887	4.81	24.17	375	375	0.0379

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
20	19.01	33.907	5.92	20	19.01	33.907	5.92	24.20	372	373	0.0753
30	16.32	33.888	5.82	30	16.32	33.888	5.82	24.83	312	312	0.1096
50	14.30	34.245	4.39	50	14.30	34.245	4.39	25.55	243	244	0.1654
75	14.04	34.356	4.39	75	14.04	34.356	4.39	25.70	230	232	0.2250
97	9.13	34.311	4.59	100	9.02	34.309	4.55	26.59	145	147	0.2724
115	8.52	34.304	4.39	125	6.49	34.241	4.43	26.91	115	116	0.3054
139	3.66	34.155	4.49	150	3.20	34.145	4.60	27.20	087	088	0.3310
187	1.69	34.113	5.00	200	1.52	34.107	5.06	27.31	077	077	0.3724
229	1.16	34.096	5.20	250	1.00	34.103	5.29	27.34	074	074	0.4103
278	0.80	34.113	5.41	300	0.74	34.110	5.41	27.36	072	071	0.4468
376	0.57	34.104	5.41	400	0.52	34.105	5.26	27.37	071	070	0.5182
475	0.38	34.110	4.80								

GYUNGBUG 853 , STATION 105-09 , 37-33.2. N, 130-37.5. E, JUN. 15, 1987, 17:45 KST,
 DEPTH 1140 , COLOR 3, TRANS. 18.0, WAVE NW 2, SWELL NW 1, WIND NW 2 , BARO 1011. ,
 AIR TEMP. DRY 19.8, WET , CLOUD, TYPE CU, AMT 04, WEATHER BC

0	18.81	33.826	5.82	0	18.81	33.826	5.82	24.19	373	373	0.0000
10	18.67	33.818	6.43	10	18.67	33.818	6.43	24.22	371	371	0.0372
20	17.92	33.825	5.61	20	17.92	33.825	5.61	24.41	352	353	0.0734
30	16.69	33.894	5.61	30	16.69	33.894	5.61	24.75	319	320	0.1071
50	14.74	34.243	5.41	50	14.74	34.243	5.41	25.46	252	253	0.1645
75	14.60	34.384	4.69	75	14.60	34.384	4.69	25.60	239	241	0.2264
102	14.55	34.526	4.49	100	14.55	34.515	4.50	25.71	229	231	0.2855
120	14.40	34.454	4.90	125	13.90	34.448	5.17	25.79	220	223	0.3425
135	12.92	34.437	5.71	150	10.11	34.327	5.25	26.42	161	164	0.3910
165	7.30	34.217	4.80	200	4.15	34.138	5.14	27.10	096	098	0.4566
195	4.57	34.143	5.10	250	1.54	34.112	5.32	27.31	076	077	0.5005
228	1.80	34.111	5.40	300	0.96	34.114	5.16	27.35	073	073	0.5381
319	0.75	34.116	5.10	400	0.55	34.114	5.01	27.38	070	070	0.6099
410	0.53	34.114	5.00								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNCBUG 853 , STATION 105-10 , 37-33.2. N, 130-55.9. E, JUN. 15, 1987, 15:50 KST,
 DEPTH 1140 , COLOR 3, TRANS. 18.0, WAVE NW 3, SWELL NW 1, WIND NW 3 , BARO 1011. ,
 AIR TEMP. DRY 20.0, WET , CLOUD. TYPE CI, AMT 05, WEATHER BC

0	17.82	33.828	4.90	0	17.82	33.828	4.90	24.43	350	350	0.0000
10	17.52	33.816	5.10	10	17.52	33.816	5.10	24.50	344	344	0.0347
20	17.28	34.118	5.61	20	17.28	34.118	5.61	24.79	316	317	0.0677
30	14.70	34.164	5.71	30	14.70	34.164	5.71	25.41	257	258	0.0965
50	14.48	34.391	4.80	50	14.48	34.391	4.80	25.63	236	237	0.1461
75	14.02	34.529	4.18	75	14.02	34.529	4.18	25.83	217	218	0.2032
97	12.46	34.591	5.71	100	12.38	34.574	5.71	26.20	182	184	0.2537
113	12.06	34.504	5.71	125	11.81	34.501	5.71	26.25	177	180	0.2993
143	11.45	34.497	5.71	150	11.30	34.475	5.62	26.33	170	173	0.3435
175	10.79	34.398	5.31	200	9.79	34.361	5.31	26.50	153	157	0.4263
218	9.08	34.335	5.31	250	5.27	34.189	5.31	27.02	104	107	0.4925
261	3.97	34.139	5.31	300	2.64	34.117	5.31	27.23	084	086	0.5409
348	1.02	34.091	5.31	400	0.74	34.104	5.12	27.36	072	072	0.6202
434	0.57	34.114	5.00								

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GYUNCBUG 853 , STATION 105-11 , 37-33.2. N, 131-14.6. E, JUN. 15, 1987, 13:50 KST,
 DEPTH 2375 , COLOR 3, TRANS. 19.0, WAVE NW 3, SWELL NW 1, WIND NW 3 , BARO 1011. ,
 AIR TEMP. DRY 20.2, WET , CLOUD. TYPE CU, AMT 07, WEATHER BC

0	18.53	34.272	6.22	0	18.53	34.272	6.22	24.60	334	334	0.0000
10	18.28	34.268	5.92	10	18.28	34.268	5.92	24.66	329	329	0.0331
20	17.20	34.236	4.59	20	17.20	34.236	4.59	24.90	306	306	0.0649
30	16.71	34.289	5.31	30	16.71	34.289	5.31	25.05	291	292	0.0949
50	15.26	34.512	5.31	50	15.26	34.512	5.31	25.55	243	245	0.1486
75	14.10	34.523	4.69	75	14.10	34.523	4.69	25.81	219	221	0.2069
92	13.05	34.516	5.31	100	12.77	34.515	5.31	26.08	194	196	0.2590
121	12.07	34.513	5.31	125	11.88	34.498	5.37	26.24	178	181	0.3063
140	11.17	34.445	5.61	150	10.53	34.397	5.84	26.40	163	166	0.3498

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
179	8.71	34.260	6.53	200	8.17	34.243	6.24	26.67	137	140	0.4265
218	7.71	34.230	6.00	250	5.30	34.112	5.73	26.95	110	113	0.4901
256	4.85	34.091	5.69	300	3.74	34.089	5.49	27.10	096	098	0.5431
369	2.02	34.087	5.20	400	0.96	34.110	4.85	27.35	073	073	0.6292
405	0.79	34.114	4.80								

8月(August)

GANGWON 867 , STATION 105-03 , 37-33.2. N, 129-10.3. E, AUG. 10, 1987, 10:10 KST,
 DEPTH 48 , COLOR 4, TRANS. 9.0, WAVE SE 1, SWELL SE 1, WIND SE 1, BARO 1007. ,
 AIR TEMP. DRY 23.1, WET , CLOUD. TYPE CI, AMT 09, WEATHER C

0	20.62	31.772	4.79	0	20.62	31.772	4.79	22.16	567	567	0.0000
10	17.93	33.035	5.29	10	17.93	33.035	5.29	23.80	410	410	0.0488
20	12.63	33.979	5.08	20	12.63	33.979	5.08	25.69	230	231	0.0809
30	10.74	34.038	5.10	30	10.74	34.038	5.10	26.09	193	193	0.1021
46	5.49	33.961	5.00								

GANGWON 867 , STATION 105-04 , 37-33.2. N, 129-15.5. E, AUG. 10, 1987, 10:50 KST,
 DEPTH 250 , COLOR 4, TRANS. 10.0, WAVE SE 1, SWELL SE 1, WIND SE 1, BARO 1007. ,
 AIR TEMP. DRY 23.5, WET , CLOUD. TYPE CI, AMT 09, WEATHER C

0	20.45	32.478	4.88	0	20.45	32.478	4.88	22.74	512	511	0.0000
10	14.87	33.737	5.23	10	14.87	33.737	5.23	25.04	292	292	0.0402
20	14.17	33.963	5.21	20	14.17	33.963	5.21	25.37	261	261	0.0679
30	7.10	34.130	5.08	30	7.10	34.130	5.08	26.74	131	131	0.0876
50	5.34	34.026	4.89	50	5.34	34.026	4.89	26.88	117	118	0.1125
75	2.96	33.969	4.69	75	2.96	33.969	4.69	27.08	098	098	0.1396
96	1.93	33.980	5.00	100	1.80	33.979	4.98	27.19	088	088	0.1631
122	1.11	33.977	4.90	125	1.06	33.979	4.95	27.24	083	083	0.1847
143	0.80	33.995	5.31	150	0.78	33.996	5.29	27.27	081	080	0.2052
188	0.72	34.002	5.21	200	0.67	33.990	5.23	27.27	080	080	0.2456
235	0.56	33.956	5.31								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GANGWON 867 , STATION 105-05 , 37-33.2. N, 129-22.6. E, AUG.10.1987, 11:35 KST,
 DEPTH 380 , COLOR 4, TRANS. 10.0, WAVE SE 2, SWELL SE 1, WIND SE 2 , BARO 1007. ,
 AIR TEMP. DRY 24.1, WET , CLOUD. TYPE CI, AMT 09, WEATHER C

0	20.55	32.890	5.19	0	20.55	32.890	5.19	23.03	484	484	0.0000
10	17.77	33.377	5.61	10	17.77	33.377	5.61	24.10	382	382	0.0433
20	10.32	33.994	5.30	20	10.32	33.994	5.30	26.13	189	189	0.0718
30	5.43	34.054	5.10	30	5.43	34.054	5.10	26.89	116	116	0.0872
50	3.16	34.007	4.89	50	3.16	34.007	4.89	27.10	097	097	0.1086
75	2.11	33.974	4.68	75	2.11	33.974	4.68	27.16	091	091	0.1322
102	1.14	33.979	5.08	100	1.21	33.978	5.05	27.23	084	084	0.1542
127	0.88	33.985	5.18	125	0.90	33.984	5.17	27.25	082	082	0.1751
150	0.88	33.994	5.31	150	0.88	33.994	5.31	27.26	081	081	0.1956
197	0.66	34.003	5.22	200	0.65	34.003	5.21	27.28	079	079	0.2358
245	0.55	34.017	5.10	250	0.55	34.017	5.11	27.30	078	077	0.2751
289	0.55	34.018	5.21	300	0.54	34.013	5.16	27.30	078	078	0.3141
335	0.54	33.999	5.02								

GANGWON 867 , STATION 105-06 , 37-33.2. N, 129-41.3. E, AUG.10.1987, 13:05 KST,
 DEPTH 810 , COLOR 4, TRANS. 10.0, WAVE SE 3, SWELL SE 1, WIND SE 3 , BARO 1007. ,
 AIR TEMP. DRY 24.4, WET , CLOUD. TYPE CI, AMT 09, WEATHER C

0	21.06	33.348	5.63	0	21.06	33.348	5.63	23.24	464	464	0.0000
10	19.09	33.315	5.75	10	19.09	33.315	5.75	23.73	417	417	0.0440
20	16.71	33.591	5.35	20	16.71	33.591	5.35	24.52	342	342	0.0821
30	16.58	34.078	5.21	30	16.58	34.078	5.21	24.92	304	304	0.1144
50	15.00	34.277	4.90	50	15.00	34.277	4.90	25.43	255	256	0.1706
75	12.96	34.233	4.78	75	12.96	34.233	4.78	25.82	218	219	0.2302
98	6.68	34.077	5.00	100	6.60	34.076	5.00	26.76	129	130	0.2739
124	5.72	34.074	5.00	125	5.64	34.073	5.00	26.88	117	118	0.3051
146	4.15	34.062	5.21	150	3.98	34.062	5.19	27.06	100	101	0.3327

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
195	2.11	34.062	5.00	200	2.04	34.055	5.00	27.23	084	085	0.3795
243	1.47	33.999	5.00	250	1.40	34.000	5.00	27.23	084	084	0.4220
292	1.01	34.006	5.00	300	0.97	34.006	5.00	27.27	081	081	0.4635
388	0.61	34.013	5.01	400	0.59	34.012	5.01	27.29	078	078	0.5434
475	0.52	34.009	5.01								

GANCWON 867 , STATION 105-07 , 37-33.2. N, 130-00.0. E, AUG.10,1987, 14:35 KST,
 DEPTH 1480 , COLOR 3, TRANS. 14.0, WAVE SE 3, SWELL SE 1, WIND SE 3 , BARO 1007. ,
 AIR TEMP. DRY 25.0, WET , CLOUD, TYPE CI, AMT 09, WEATHER C

0	21.63	33.014	4.90	0	21.63	33.014	4.90	22.83	503	503	0.0000
10	21.47	32.990	5.42	10	21.47	32.990	5.42	22.86	501	501	0.0502
20	19.98	33.112	5.21	20	19.98	33.112	5.21	23.35	454	454	0.0979
30	19.00	33.622	5.24	30	19.00	33.622	5.24	23.98	393	393	0.1404
50	17.41	34.013	4.81	50	17.41	34.013	4.81	24.67	327	328	0.2126
75	15.54	34.292	4.79	75	15.54	34.292	4.79	25.32	265	267	0.2872
93	14.43	34.292	4.88	100	14.12	34.282	4.87	25.62	237	239	0.3506
119	13.28	34.256	4.87	125	12.68	34.276	4.87	25.91	209	212	0.4071
142	10.99	34.336	4.90	150	10.45	34.303	4.95	26.35	168	171	0.4552
188	7.91	34.151	5.23	200	7.01	34.109	5.20	26.73	131	134	0.5317
231	4.71	34.002	5.13	250	4.00	33.995	5.11	27.00	106	107	0.5924
279	2.93	33.985	5.10	300	2.52	33.988	5.14	27.14	093	094	0.6430
379	1.02	34.004	5.31	400	0.89	34.004	5.28	27.27	081	081	0.7309
475	0.47	34.008	5.21								

GANCWON 867 , STATION 105-08 , 37-33.2. N, 130-18.7. E, AUG.10,1987, 16:10 KST,
 DEPTH 1503 , COLOR 3, TRANS. 14.0, WAVE SE 3, SWELL SE 1, WIND SE 3 , BARO 1007. ,
 AIR TEMP. DRY 24.7, WET , CLOUD, TYPE CI, AMT 09, WEATHER C

0	21.70	33.090	4.88	0	21.70	33.090	4.88	22.87	499	499	0.0000
10	21.60	33.291	5.32	10	21.60	33.291	5.32	23.05	482	482	0.0491

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
20	20.93	33.416	5.10	20	20.93	33.416	5.10	23.32	456	456	0.0960
30	17.95	34.033	5.10	30	17.95	34.033	5.10	24.56	338	339	0.1358
50	15.42	34.050	4.77	50	15.42	34.050	4.77	25.16	281	282	0.1979
75	14.23	34.354	4.77	75	14.23	34.354	4.77	25.65	234	236	0.2627
95	12.28	34.295	5.01	100	12.11	34.294	5.04	26.03	198	200	0.3172
121	11.41	34.293	5.21	125	11.38	34.292	5.23	26.17	185	187	0.3657
140	11.29	34.291	5.31	150	10.52	34.254	5.29	26.30	173	176	0.4113
189	7.52	34.111	5.23	200	6.97	34.085	5.22	26.72	133	135	0.4893
237	5.12	33.998	5.21	250	4.74	34.014	5.14	26.94	112	114	0.5519
287	3.69	34.061	4.97	300	3.37	34.065	4.97	27.12	094	096	0.6047
374	1.60	34.092	4.99	400	1.37	34.097	4.99	27.31	076	077	0.6918
479	0.68	34.113	5.02								

GANGWON 867 , STATION 105-09 , 37-33.2, N, 130-37.5, E, AUG. 10, 1987, 17:45 KST,
 DEPTH 1140 , COLOR 3, TRANS. 16.0, WAVE SE 4, SWELL SE 2, WIND SE 4 , BARO 1007. ,
 AIR TEMP. DRY 23.5, WET , CLOUD. TYPE CU, AMT 09, WEATHER C

0	22.21	33.060	4.88	0	22.21	33.060	4.88	22.70	515	515	0.0000
10	21.83	33.590	5.31	10	21.83	33.590	5.31	23.21	467	467	0.0491
20	20.11	33.680	5.21	20	20.11	33.680	5.21	23.74	416	416	0.0932
30	18.87	33.741	5.21	30	18.87	33.741	5.21	24.11	381	382	0.1332
50	15.81	33.982	5.00	50	15.81	33.982	5.00	25.02	294	295	0.2009
75	14.51	34.259	4.66	75	14.51	34.259	4.66	25.52	246	248	0.2689
96	11.91	34.413	5.08	100	11.57	34.381	5.09	26.20	182	184	0.3231
123	9.68	34.197	5.21	125	9.59	34.193	5.22	26.40	162	165	0.3667
147	8.71	34.154	5.33	150	8.66	34.151	5.32	26.52	151	154	0.4067
192	8.08	34.123	5.23	200	7.96	34.113	5.23	26.60	144	147	0.4821
235	7.48	34.070	5.23	250	6.54	34.046	5.15	26.75	130	133	0.5525
278	4.80	34.004	5.02	300	4.03	34.000	5.01	27.01	105	108	0.6130
374	1.44	33.987	5.01	400	1.21	33.992	5.00	27.24	083	084	0.7092
472	0.59	34.009	5.00								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GANGWON 867 , STATION 105-10 , 37-33.2. N, 130-55.9. E, AUG. 10, 1987, 19:20 KST,
 DEPTH 1800 , COLOR , TRANS. , WAVE SE 4, SWELL SE 2, WIND SE 4 , BARO 1007. ,
 AIR TEMP. DRY 22.8, WET , CLOUD. TYPE CU, AMT 08, WEATHER C

0	21.80	33.689	4.68	0	21.80	33.689	4.68	23.29	459	458	0.0000
10	21.52	33.682	4.98	10	21.52	33.682	4.98	23.37	452	452	0.0455
20	19.67	33.776	5.10	20	19.67	33.776	5.10	23.93	398	398	0.0880
30	17.57	33.894	4.79	30	17.57	33.894	4.79	24.55	339	340	0.1250
50	15.20	34.154	4.78	50	15.20	34.154	4.78	25.29	268	269	0.1860
75	14.05	34.347	4.69	75	14.05	34.347	4.69	25.69	231	232	0.2489
100	11.21	34.258	5.00	100	11.21	34.258	5.00	26.17	184	186	0.3014
123	9.82	34.187	5.21	125	9.71	34.183	5.21	26.38	165	167	0.3457
145	8.69	34.143	5.31	150	8.66	34.140	5.29	26.51	152	155	0.3860
190	8.44	34.119	5.21	200	7.87	34.093	5.18	26.60	144	147	0.4617
236	5.82	34.000	5.10	250	4.96	33.994	5.03	26.90	115	118	0.5282
281	3.06	33.982	4.90	300	2.58	33.989	4.90	27.13	093	095	0.5816
375	0.72	34.017	4.90	400	0.67	34.016	4.95	27.29	078	078	0.6686
470	0.54	34.016	5.10								

GANGWON 867 , STATION 105-11 , 37-33.2. N, 131-14.6. E, AUG. 11, 1987, 05:40 KST,
 DEPTH 2375 , COLOR , TRANS. , WAVE SE 3, SWELL SE 1, WIND NE 3 , BARO 1012. ,
 AIR TEMP. DRY 18.9, WET , CLOUD. TYPE CU, AMT 09, WEATHER C

0	21.90	33.567	4.79	0	21.90	33.567	4.79	23.17	470	470	0.0000
10	20.10	33.565	4.98	10	20.10	33.565	4.98	23.66	424	424	0.0447
20	19.93	33.798	5.02	20	19.93	33.798	5.02	23.88	403	403	0.0861
30	17.27	33.927	4.63	30	17.27	33.927	4.63	24.64	330	331	0.1228
50	14.37	34.280	4.61	50	14.37	34.280	4.61	25.57	242	243	0.1803
75	13.45	34.315	4.58	75	13.45	34.315	4.58	25.79	221	223	0.2387
100	10.99	34.342	4.90	100	10.99	34.342	4.90	26.28	174	176	0.2887
120	10.12	34.243	5.10	125	9.64	34.215	5.09	26.41	162	164	0.3313
144	7.85	34.111	5.09	150	7.82	34.109	5.07	26.62	142	145	0.3700

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
188	7.70	34.097	5.00	200	7.20	34.090	4.97	26.69	135	138	0.4409
238	5.62	34.071	4.90	250	4.68	34.051	4.87	26.98	108	111	0.5033
288	1.73	33.989	4.79	300	1.58	33.992	4.81	27.21	086	086	0.5528
379	0.62	34.015	5.00	400	0.57	34.014	5.04	27.30	078	078	0.6352
475	0.40	34.014	5.21								

10月(October)

GANGWON 867 , STATION 105-03 , 37-33.2. N, 129-10.3. E, OCT. 24, 1987, 09:40 KST,
 DEPTH 48 , COLOR 4, TRANS. 11.0, WAVE SW 2, SWELL SW 1, WIND SW 2 , BARO 1021. ,
 AIR TEMP. DRY 16.0, WET , CLOUD, TYPE NS, AMT 09, WEATHER C

0	17.30	33.406	5.33	0	17.30	33.406	5.33	24.24	369	368	0.0000
10	17.17	33.379	5.13	10	17.17	33.379	5.13	24.25	368	368	0.0368
20	16.72	33.559	5.42	20	16.72	33.559	5.42	24.49	345	345	0.0725
30	13.79	33.633	5.72	30	13.79	33.633	5.72	25.19	278	278	0.1037
45	8.20	33.863	5.53								

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GANGWON 867 , STATION 105-04 , 37-33.2. N, 129-15.1. E, OCT. 24, 1987, 08:55 KST,
 DEPTH 250 , COLOR 4, TRANS. 11.0, WAVE SW 2, SWELL SW 1, WIND SW 2 , BARO 1021.5,
 AIR TEMP. DRY 15.5, WET , CLOUD, TYPE NS, AMT 10, WEATHER C

0	16.45	33.383	5.33	0	16.45	33.383	5.33	24.42	351	351	0.0000
10	16.42	33.361	5.43	10	16.42	33.361	5.43	24.41	352	352	0.0352
20	16.40	33.402	5.13	20	16.40	33.402	5.13	24.44	349	349	0.0703
30	11.33	33.482	5.24	30	11.33	33.482	5.24	25.55	244	244	0.1000
50	6.45	33.683	5.33	50	6.45	33.683	5.33	26.47	156	156	0.1402
75	3.55	33.782	5.53	75	3.55	33.782	5.53	26.88	117	118	0.1745
99	1.21	34.109	5.62	100	1.19	34.107	5.62	27.33	075	074	0.1987
124	0.77	34.068	5.72	125	0.76	34.063	5.72	27.32	075	075	0.2175
149	0.71	33.946	5.82	150	0.70	33.946	5.81	27.23	084	084	0.2374
197	0.64	33.981	5.43	200	0.62	33.981	5.42	27.27	081	080	0.2787
245	0.44	33.995	5.33								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GANGWON 867 , STATION 105-05 , 37-33.2. N, 129-22.6. E, OCT. 24, 1987, 07:55 KST,
 DEPTH 380 , COLOR , TRANS. , WAVE SW 2, SWELL SW 1, WIND SW 2 , BARO 1021.5,
 AIR TEMP. DRY 16.5, WET , CLOUD, TYPE NS, AMT 09, WEATHER C

0	17.43	33.400	5.23	0	17.43	33.400	5.23	24.20	372	372	0.0000
10	17.34	33.361	5.33	10	17.34	33.361	5.33	24.19	373	373	0.0372
20	17.32	33.355	5.23	20	17.32	33.355	5.23	24.19	373	373	0.0746
30	15.58	33.385	5.14	30	15.58	33.385	5.14	24.62	333	333	0.1099
50	7.89	33.690	5.13	50	7.89	33.690	5.13	26.28	174	175	0.1609
75	3.28	33.723	5.33	75	3.28	33.723	5.33	26.86	119	120	0.1978
99	1.85	33.764	5.23	100	1.80	33.777	5.24	27.02	104	104	0.2258
124	0.67	34.094	5.53	125	0.66	34.091	5.54	27.35	073	072	0.2480
147	0.58	34.025	5.92	150	0.57	34.023	5.90	27.30	077	077	0.2667
196	0.51	34.007	5.63	200	0.50	34.006	5.62	27.29	078	078	0.3057
246	0.48	34.001	5.53	250	0.47	34.001	5.53	27.29	078	078	0.3449
296	0.44	34.006	5.53	300	0.43	34.007	5.52	27.30	078	077	0.3840
347	0.42	34.022	5.43								

GANGWON 867 , STATION 105-06 , 37-33.2. N, 129-41.3. E, OCT. 24, 1987, 06:30 KST,
 DEPTH 810 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 2 , BARO 1022. ,
 AIR TEMP. DRY 16.6, WET , CLOUD, TYPE CI, AMT 06, WEATHER BC

0	21.86	33.985	5.33	0	21.86	33.985	5.33	23.50	439	438	0.0000
10	21.95	33.980	5.53	10	21.95	33.980	5.53	23.47	441	442	0.0440
20	21.95	34.008	5.63	20	21.95	34.008	5.63	23.49	439	440	0.0881
30	21.92	34.062	5.53	30	21.92	34.062	5.53	23.54	435	435	0.1319
50	20.32	33.954	5.43	50	20.32	33.954	5.43	23.90	401	402	0.2158
75	10.66	33.955	5.63	75	10.66	33.955	5.63	26.04	197	199	0.2911
97	4.31	33.990	5.42	100	4.23	34.019	5.42	27.00	106	107	0.3294
120	3.72	34.217	5.43	125	3.53	34.195	5.39	27.21	086	087	0.3537
146	2.74	34.105	5.23	150	2.62	34.104	5.24	27.22	085	086	0.3753

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
197	1.25	34.103	5.42	200	1.21	34.096	5.42	27.32	075	076	0.4158
245	0.65	34.001	5.43	250	0.64	34.002	5.43	27.28	079	079	0.4547
293	0.63	34.014	5.43	300	0.62	34.014	5.43	27.29	078	078	0.4942
388	0.50	34.024	5.53	400	0.49	34.023	5.53	27.31	077	076	0.5719
479	0.47	34.020	5.53								

GANGWON 867 , STATION 105-07 , 37-33.2 N, 130-00.0 E, OCT.24, 1987, 05:00 KST,
 DEPTH 1480 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 2 , BARO 1022.5,
 AIR TEMP. DRY 17.0, WET , CLOUD, TYPE CI, AMT 07, WEATHER BC

0	20.40	33.213	4.74	0	20.40	33.213	4.74	23.31	457	457	0.0000
10	20.34	33.204	5.34	10	20.34	33.204	5.34	23.32	456	456	0.0456
20	20.29	33.177	5.13	20	20.29	33.177	5.13	23.31	457	457	0.0913
30	20.22	33.184	4.94	30	20.22	33.184	4.94	23.34	455	455	0.1370
50	20.18	33.192	4.94	50	20.18	33.192	4.94	23.35	454	454	0.2280
75	17.18	33.853	4.64	75	17.18	33.853	4.64	24.61	333	335	0.3268
106	14.85	34.193	4.74	100	15.30	34.127	4.72	25.25	272	275	0.4032
132	12.98	34.384	5.84	125	13.48	34.332	5.54	25.79	221	224	0.4657
157	6.53	34.306	4.84	150	8.33	34.327	5.12	26.71	133	136	0.5107
207	2.51	34.141	5.24	200	3.07	34.164	5.18	27.23	084	085	0.5662
257	1.27	34.088	5.43	250	1.44	34.095	5.40	27.31	077	077	0.6072
307	0.72	34.038	5.53	300	0.79	34.045	5.51	27.31	077	077	0.6459
396	0.60	34.016	5.63	400	0.59	34.016	5.62	27.30	078	078	0.7236
479	0.55	34.023	5.53								

GANGWON 867 , STATION 105-08 , 37-33.2 N, 130-18.7 E, OCT.24, 1987, 03:30 KST,
 DEPTH 1503 , COLOR , TRANS. , WAVE NE 3, SWELL NE 1, WIND NE 3 , BARO 1023.5,
 AIR TEMP. DRY 17.0, WET , CLOUD, TYPE CI, AMT 07, WEATHER BC

0	20.66	33.244	4.84	0	20.66	33.244	4.84	23.27	461	461	0.0000
10	20.65	33.201	5.13	10	20.65	33.201	5.13	23.24	464	464	0.0463

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
20	20.55	33.165	5.03	20	20.55	33.165	5.03	23.24	464	465	0.0927
30	20.35	33.159	4.94	30	20.35	33.159	4.94	23.28	460	460	0.1390
50	20.32	33.157	5.03	50	20.32	33.157	5.03	23.29	459	460	0.2312
75	16.83	33.793	4.54	75	16.83	33.793	4.54	24.64	330	332	0.3303
101	15.06	34.145	4.44	100	15.12	34.131	4.44	25.29	268	271	0.4058
121	13.25	34.455	4.64	125	12.33	34.417	4.73	26.09	193	195	0.4642
141	8.66	34.268	5.13	150	7.78	34.237	5.18	26.72	132	134	0.5055
190	3.87	34.104	5.43	200	3.38	34.083	5.47	27.14	093	094	0.5629
240	1.46	34.003	5.63	250	1.36	34.000	5.61	27.23	084	084	0.6077
291	0.95	33.988	5.53	300	0.93	33.994	5.52	27.26	082	082	0.6494
383	0.82	34.052	5.52	400	0.81	34.046	5.54	27.31	077	077	0.7290
474	0.77	34.024	5.63								

GANGWON 867 , STATION 105-09 , 37-33.2. N, 130-37.5. E, OCT.24.1987, 01:55 KST,
 DEPTH 1140 , COLOR , WAVE NE 2, SWELL NE 1, WIND NE 2 , BARO 1023.5,
 AIR TEMP. DRY 16.7, WET , CLOUD. TYPE CI, AMT 07, WEATHER BC

0	20.67	33.307	4.84	0	20.67	33.307	4.84	23.31	457	457	0.0000
10	20.28	33.295	5.23	10	20.28	33.295	5.23	23.41	448	448	0.0452
20	19.27	33.254	5.03	20	19.27	33.254	5.03	23.64	426	426	0.0890
30	18.75	33.223	5.03	30	18.75	33.223	5.03	23.74	416	416	0.1312
50	18.47	33.173	4.84	50	18.47	33.173	4.84	23.78	413	414	0.2143
75	15.19	34.001	4.74	75	15.19	34.001	4.74	25.18	279	281	0.3013
98	14.07	34.029	4.84	100	13.77	34.054	4.86	25.52	247	249	0.3677
123	10.35	34.348	5.13	125	9.98	34.339	5.14	26.45	158	160	0.4189
147	6.00	34.251	5.33	150	5.84	34.242	5.31	26.99	107	109	0.4526
196	3.51	34.107	5.03	200	3.29	34.100	5.04	27.16	091	092	0.5031
245	0.93	34.028	5.24	250	0.91	34.021	5.25	27.28	079	079	0.5462
290	0.78	33.968	5.33	300	0.76	33.976	5.36	27.25	082	082	0.5867
382	0.63	34.050	5.63	400	0.61	34.065	5.60	27.33	074	074	0.6651
469	0.57	34.124	5.53								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GANGWON 867 , STATION 105-10 , 37-33.2. N, 130-55.9. E, OCT. 24. 1987, 00:25 KST,
 DEPTH 1800 , COLOR , TRANS. , WAVE NE 1, SWELL NE 1, WIND NE 1 , BARO 1024.5,
 AIR TEMP. DRY 16.8, WET , CLOUD. TYPE CI, AMT 07, WEATHER BC

0	17.81	33.232	4.94	0	17.81	33.232	4.94	23.98	393	393	0.0000
10	17.81	33.228	5.13	10	17.81	33.228	5.13	23.98	393	393	0.0393
20	17.79	33.226	5.23	20	17.79	33.226	5.23	23.98	393	393	0.0787
30	17.60	33.294	5.23	30	17.60	33.294	5.23	24.08	384	384	0.1176
50	16.74	33.353	5.23	50	16.74	33.353	5.23	24.33	360	361	0.1922
75	9.40	33.566	5.43	75	9.40	33.566	5.43	25.95	206	207	0.2634
98	2.86	33.740	5.63	100	2.82	33.763	5.62	26.93	112	113	0.3035
124	2.39	34.050	5.53	125	2.37	34.053	5.52	27.20	087	087	0.3286
149	1.97	34.141	5.43	150	1.94	34.137	5.43	27.30	077	078	0.3493
199	0.70	33.987	5.43	200	0.70	33.987	5.43	27.27	081	080	0.3891
250	0.70	34.002	5.43	250	0.70	34.002	5.43	27.28	080	079	0.4293
300	0.63	34.011	5.53	300	0.63	34.011	5.53	27.29	078	078	0.4689
400	0.39	34.013	5.63	400	0.39	34.013	5.63	27.31	077	077	0.5468
500	0.27	34.020	5.33	500	0.27	34.020	5.33	27.32	076	075	0.6232

GANGWON 867 , STATION 105-11 , 37-33.2. N, 131-14.6. E, OCT. 23. 1987, 22:55 KST,
 DEPTH 2375 , COLOR , TRANS. , WAVE NE 1, SWELL NE 1, WIND NE 1 , BARO 1024. ,
 AIR TEMP. DRY 17.0, WET , CLOUD. TYPE CI, AMT 07, WEATHER BC

0	17.59	33.336	5.13	0	17.59	33.336	5.13	24.11	380	380	0.0000
10	17.59	33.283	5.33	10	17.59	33.283	5.33	24.07	384	384	0.0382
20	17.56	33.320	5.13	20	17.56	33.320	5.13	24.11	381	381	0.0765
30	17.53	33.331	5.23	30	17.53	33.331	5.23	24.12	379	380	0.1146
50	16.43	33.770	5.43	50	16.43	33.770	5.43	24.72	323	324	0.1851
75	9.02	33.955	5.43	75	9.02	33.955	5.43	26.31	171	172	0.2473
101	3.37	33.999	5.13	100	3.58	33.997	5.14	27.05	102	102	0.2817
124	2.84	34.091	5.33	125	2.78	34.090	5.34	27.20	087	088	0.3055
148	1.42	34.089	5.63	150	1.40	34.085	5.63	27.30	078	078	0.3263
197	0.94	33.993	5.72	200	0.92	33.993	5.71	27.26	081	081	0.3663

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
250	0.60	34.007	5.63	250	0.60	34.007	5.63	27.29	079	078	0.4065
295	0.60	34.015	5.53	300	0.60	34.018	5.52	27.30	078	077	0.4457
386	0.60	34.087	5.43	400	0.59	34.078	5.41	27.35	073	073	0.5214
475	0.57	34.031	5.33								

12月(December)

GYUNGBUG 853 , STATION 105-03 , 37-33.2. N. 129-10.3. E, DEC. 10. 1987, 04:48 KST,
 DEPTH 48 , COLOR , TRANS. , WAVE NW 0, SWELL NW 0, WIND NW 2 , BARO 1024. ,
 AIR TEMP. DRY 5.8, WET , CLOUD, TYPE NS, AMT 07, WEATHER BC

0	10.85	33.645	5.71	0	10.85	33.645	5.71	25.76	223	223	0.0000
10	10.87	33.644	6.21	10	10.87	33.644	6.21	25.76	224	224	0.0223
20	10.63	33.639	6.22	20	10.63	33.639	6.22	25.80	220	220	0.0446
30	10.35	33.622	6.23	30	10.35	33.622	6.23	25.83	217	217	0.0665
46	10.15	33.601	6.02								

GYUNGBUG 853 , STATION 105-04 , 37-33.2. N. 129-15.5. E, DEC. 12. 1987, 09:20 KST,
 DEPTH 250 , COLOR 4, TRANS. 12.5, WAVE NW 2, SWELL NW 0, WIND NW 2 , BARO 1026. ,
 AIR TEMP. DRY 3.3, WET , CLOUD, TYPE , AMT 00, WEATHER B

0	12.94	33.805	5.82	0	12.94	33.805	5.82	25.49	249	249	0.0000
10	12.91	33.802	6.33	10	12.91	33.802	6.33	25.50	249	249	0.0249
20	12.02	33.718	6.23	20	12.02	33.718	6.23	25.61	238	239	0.0493
30	*****	*****	6.23	30	11.25	33.770	6.23	25.79	221	221	0.0723
50	9.71	33.876	6.13	50	9.71	33.876	6.13	26.14	188	188	0.1134
75	3.02	33.971	6.03	75	3.02	33.971	6.03	27.08	098	099	0.1494
100	1.55	33.955	6.02	100	1.55	33.955	6.02	27.19	088	088	0.1729
125	1.14	33.967	5.82	125	1.14	33.967	5.82	27.22	085	085	0.1947
150	0.84	33.978	5.82	150	0.84	33.978	5.82	27.25	082	082	0.2156
200	0.74	33.999	5.92	200	0.74	33.999	5.92	27.27	080	080	0.2563
248	0.54	34.022	5.71								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
GYUNGRUG 853 , STATION 105-05 , 37-33.2. N, 129-22.6. E, DEC.12, 1987, 10:17 KST,											
DEPTH 380 , COLOR 4, TRANS. 13.0, WAVE NW 2, SWELL NW 1, WIND NW 2 , BARO 1026. ,											
AIR TEMP. DRY 3.4, WET , CLOUD. TYPE , AMT 00, WEATHER B											
0	13.86	33.663	5.92	0	13.86	33.663	5.92	25.20	277	277	0.0000
10	13.85	33.682	6.12	10	13.85	33.682	6.12	25.22	276	275	0.0276
20	13.22	33.641	6.22	20	13.22	33.641	6.22	25.31	266	267	0.0548
30	13.20	33.646	6.13	30	13.20	33.646	6.13	25.32	266	266	0.0814
50	9.16	34.301	6.03	50	9.16	34.301	6.03	26.56	148	148	0.1230
75	3.13	33.956	5.82	75	3.13	33.956	5.82	27.06	101	101	0.1542
100	1.74	33.987	5.61	100	1.74	33.987	5.61	27.20	087	087	0.1779
125	0.82	33.966	5.51	125	0.82	33.966	5.51	27.24	083	083	0.1992
150	0.72	33.973	5.49	150	0.72	33.973	5.49	27.25	082	082	0.2199
200	0.71	33.997	5.41	200	0.71	33.997	5.41	27.27	080	080	0.2605
250	0.67	34.012	5.51	250	0.67	34.012	5.51	27.29	079	078	0.3003
300	0.56	34.020	5.62	300	0.56	34.020	5.62	27.30	077	077	0.3395
350	0.44	34.031	5.52								
GYUNGRUG 853 , STATION 105-06 , 37-33.2. N, 129-41.3. E, DEC.12, 1987, 12:10 KST,											
DEPTH 810 , COLOR 4, TRANS. 13.5, WAVE NW 3, SWELL NW 1, WIND NW 3 , BARO 1023. ,											
AIR TEMP. DRY 4.9, WET , CLOUD. TYPE , AMT 00, WEATHER B											
0	15.19	33.962	5.81	0	15.19	33.962	5.81	25.15	282	282	0.0000
10	15.19	33.964	5.60	10	15.19	33.964	5.60	25.15	282	282	0.0282
20	15.17	33.971	5.81	20	15.17	33.971	5.81	25.16	281	281	0.0564
30	15.14	33.971	5.70	30	15.14	33.971	5.70	25.16	281	281	0.0846
50	15.12	33.970	5.61	50	15.12	33.970	5.61	25.17	280	281	0.1409
75	13.41	34.272	5.92	75	13.41	34.272	5.92	25.76	224	225	0.2043
100	7.20	34.208	5.20	100	7.20	34.208	5.20	26.78	127	128	0.2486
125	2.36	34.018	4.90	125	2.36	34.018	4.90	27.17	090	090	0.2759
150	1.74	33.998	5.10	150	1.74	33.998	5.10	27.21	086	087	0.2981
200	0.73	33.976	5.41	200	0.73	33.976	5.41	27.26	082	081	0.3404
250	0.66	33.997	5.41	250	0.66	33.997	5.41	27.28	080	079	0.3809

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
300	0.59	34.012	5.82	300	0.59	34.012	5.82	27.29	078	078	0.4205
400	0.50	34.029	5.61	400	0.50	34.029	5.61	27.31	076	076	0.4979
500	0.44	34.035	5.51	500	0.44	34.035	5.51	27.32	076	075	0.5741

GYUNGBUG 853 , STATION 105-07 , 37-33.2. N, 130-00.0. E, DEC. 12, 1987, 14:32 KST,
 DEPTH 1480 , COLOR 4, TRANS. 13.5, WAVE NW 3, SWELL NW 1, WIND NW 3 , BARO 1022. ,
 AIR TEMP. DRY 5.5, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	15.47	33.988	5.41	0	15.47	33.988	5.41	25.10	286	286	0.0000
10	15.49	33.988	5.50	10	15.49	33.988	5.50	25.10	287	287	0.0286
20	15.49	33.987	5.71	20	15.49	33.987	5.71	25.10	287	287	0.0573
30	15.49	33.986	5.51	30	15.49	33.986	5.51	25.10	287	287	0.0861
50	15.43	33.980	5.51	50	15.43	33.980	5.51	25.11	286	287	0.1436
75	15.30	34.089	5.41	75	15.30	34.089	5.41	25.22	275	277	0.2142
100	12.05	34.340	5.00	100	12.05	34.340	5.00	26.08	193	195	0.2734
125	4.86	34.074	4.69	125	4.86	34.074	4.69	26.97	108	109	0.3116
150	2.52	34.020	5.20	150	2.52	34.020	5.20	27.16	091	091	0.3368
200	0.97	33.997	5.61	200	0.97	33.997	5.61	27.26	082	081	0.3802
250	0.70	34.011	5.71	250	0.70	34.011	5.71	27.29	079	079	0.4205
300	0.56	34.020	5.51	300	0.56	34.020	5.51	27.30	077	077	0.4597
400	0.49	34.032	5.61	400	0.49	34.032	5.61	27.32	076	076	0.5366
500	0.38	34.033	5.51	500	0.38	34.033	5.51	27.32	075	075	0.6124

GYUNGBUG 853 , STATION 105-08 , 37-33.2. N, 130-18.7. E, DEC. 12, 1987, 16:33 KST,
 DEPTH 1503 , COLOR , TRANS. , WAVE NW 3, SWELL NW 1, WIND NW 3 , BARO 1022.5,
 AIR TEMP. DRY 5.0, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	15.61	34.026	5.31	0	15.61	34.026	5.31	25.10	286	286	0.0000
10	15.65	34.025	5.41	10	15.65	34.025	5.41	25.09	287	287	0.0287
20	15.38	33.953	5.71	20	15.38	33.953	5.71	25.10	287	287	0.0574
30	15.34	33.948	5.62	30	15.34	33.948	5.62	25.10	286	287	0.0862
50	15.34	33.989	5.61	50	15.34	33.989	5.61	25.13	283	284	0.1434
75	14.77	33.930	5.51	75	14.77	33.930	5.51	25.21	276	278	0.2138

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
100	14.35	34.007	4.90	100	14.35	34.007	4.90	25.36	262	264	0.2816
125	10.35	34.281	4.69	125	10.35	34.281	4.69	26.35	168	170	0.3360
150	5.76	34.125	5.00	150	5.76	34.125	5.00	26.91	115	116	0.3720
200	2.17	34.025	5.10	200	2.17	34.025	5.10	27.19	088	088	0.4233
250	1.04	34.021	5.31	250	1.04	34.021	5.31	27.27	080	080	0.4656
300	0.75	34.025	5.51	300	0.75	34.025	5.51	27.29	078	078	0.5054
400	0.50	34.031	5.51	400	0.50	34.031	5.51	27.31	076	076	0.5828
500	0.42	34.033	5.40	500	0.42	34.033	5.40	27.32	076	075	0.6589

GYUNGBUG 853 , STATION 105-09 , 37-33.2, N, 130-37.5, E, DEC. 12, 1987, 18:34 KST,
 DEPTH 1140 , COLOR , TRANS. , WAVE NW 3, SWELL NW 1, WIND NW 3 , BARO 1023. ,
 AIR TEMP. DRY 4.7, WET , CLOUD, TYPE CI, AMT 04, WEATHER BC

0	15.36	33.908	5.61	0	15.36	33.908	5.61	25.07	290	289	0.0000
10	15.39	33.909	5.52	10	15.39	33.909	5.52	25.06	290	290	0.0290
20	15.40	33.912	5.41	20	15.40	33.912	5.41	25.06	290	290	0.0581
30	15.40	33.910	5.30	30	15.40	33.910	5.30	25.06	290	291	0.0872
50	15.38	33.907	5.10	50	15.38	33.907	5.10	25.06	290	291	0.1455
75	15.37	33.906	5.10	75	15.37	33.906	5.10	25.06	290	292	0.2185
100	15.47	34.096	5.09	100	15.47	34.096	5.09	25.19	278	281	0.2902
125	12.38	34.375	4.79	125	12.38	34.375	4.79	26.05	197	199	0.3503
150	9.21	34.236	4.90	150	9.21	34.236	4.90	26.50	153	156	0.3949
200	3.69	34.062	5.51	200	3.69	34.062	5.51	27.09	098	099	0.4588
250	1.50	34.004	5.61	250	1.50	34.004	5.61	27.23	084	085	0.5049
300	0.93	34.016	5.82	300	0.93	34.016	5.82	27.28	080	080	0.5463
400	0.57	34.029	5.71	400	0.57	34.029	5.71	27.31	077	077	0.6250
500	0.42	34.032	5.61	500	0.42	34.032	5.61	27.32	076	075	0.7014

GYUNGBUG 853 , STATION 105-10 , 37-33.2, N, 130-55.9, E, DEC. 12, 1987, 20:37 KST,
 DEPTH 1800 , COLOR , TRANS. , WAVE NW 4, SWELL NW 1, WIND NW 4 , BARO 1023. ,
 AIR TEMP. DRY 4.5, WET , CLOUD, TYPE CI, AMT 06, WEATHER BC

0	14.20	33.963	5.51	0	14.20	33.963	5.51	25.36	262	262	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
10	14.21	33.962	5.50	10	14.21	33.962	5.50	25.36	262	262	0.0262
20	14.22	33.963	5.61	20	14.22	33.963	5.61	25.35	262	262	0.0525
30	14.22	33.965	5.61	30	14.22	33.965	5.61	25.36	262	263	0.0788
50	14.24	33.970	5.71	50	14.24	33.970	5.71	25.36	262	263	0.1314
75	14.24	33.969	5.41	75	14.24	33.969	5.41	25.36	262	264	0.1974
100	14.24	33.978	5.20	100	14.24	33.978	5.20	25.36	262	264	0.2635
125	13.42	34.302	5.10	125	13.42	34.302	5.10	25.78	222	225	0.3247
150	10.53	34.284	5.20	150	10.53	34.284	5.20	26.32	171	174	0.3746
200	4.08	34.025	5.41	200	4.08	34.025	5.41	27.92	104	106	0.4447
250	2.60	34.014	5.71	250	2.60	34.014	5.71	27.15	092	093	0.4945
300	1.32	34.005	5.82	300	1.32	34.005	5.82	27.24	083	083	0.5388
400	0.66	34.027	5.61	400	0.66	34.027	5.61	27.30	077	077	0.6196
500	0.50	34.030	5.61	500	0.50	34.030	5.61	27.31	076	076	0.6967

GYUNGBUG 853 , STATION 105-11 , 37-33.2. N, 131-14.6. E, DEC.12.1987, 22:35 KST,
 DEPTH 2375 , COLOR , TRANS. , WAVE NW 4, SWELL NW 1, WIND NW 4 , BARO 1023. ,
 AIR TEMP. DRY 4.4, WET , CLOUD. TYPE CI, AMT 06, WEATHER BC

0	14.13	34.032	5.71	0	14.13	34.032	5.71	25.43	255	255	0.0000
10	14.16	34.033	5.71	10	14.16	34.033	5.71	25.42	256	256	0.0255
20	14.16	34.033	5.71	20	14.16	34.033	5.71	25.42	256	256	0.0512
30	14.15	34.032	5.51	30	14.15	34.032	5.51	25.42	256	256	0.0769
50	14.16	34.034	5.72	50	14.16	34.034	5.72	25.42	256	257	0.1283
75	14.09	34.349	6.02	75	14.09	34.349	6.02	25.68	231	233	0.1897
100	11.69	34.369	6.03	100	11.69	34.369	6.03	26.17	185	187	0.2422
125	9.89	34.261	6.12	125	9.89	34.261	6.12	26.41	162	164	0.2862
150	8.51	34.173	6.02	150	8.51	34.173	6.02	26.56	147	150	0.3256
200	4.34	34.028	6.02	200	4.34	34.028	6.02	27.00	106	108	0.3903
250	2.13	34.004	5.61	250	2.13	34.004	5.61	27.18	089	090	0.4400
300	1.28	34.008	5.82	300	1.28	34.008	5.82	27.25	083	083	0.4833
400	0.60	34.027	5.51	400	0.60	34.027	5.51	27.30	077	077	0.5637
500	0.48	34.032	5.61	500	0.48	34.032	5.61	27.32	076	076	0.6404

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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

2月(February)

GANGWON 867 , STATION 104-04 , 37-03.4. N, 129-28.8. E, FEB. 9, 1987, 14:30 KST,
 DEPTH 110 , COLOR 4, TRANS. 15.0, WAVE S 1, SWELL S 1, WIND S 1 , BARO 1010.5,
 AIR TEMP. DRY 14.2, WET , CLOUD, TYPE CI, AMT 02, WEATHER B

0	12.40	34.315	6.87	0	12.40	34.315	6.87	25.99	201	201	0.0000
10	9.74	34.261	6.78	10	9.74	34.261	6.78	26.43	160	160	0.0180
20	9.66	34.267	6.57	20	9.66	34.267	6.57	26.45	158	158	0.0340
30	9.64	34.262	6.47	30	9.64	34.262	6.47	26.45	158	158	0.0498
50	9.60	34.253	6.27	50	9.60	34.253	6.27	26.45	158	159	0.0817
75	8.19	34.162	6.07	75	8.19	34.162	6.07	26.60	144	145	0.1197
103	7.61	34.229	5.97	100	7.67	34.221	5.98	26.73	132	133	0.1546

GANGWON 867 , STATION 104-05 , 37-03.4. N, 129-33.6. E, FEB. 21, 1987, 08:50 KST,
 DEPTH 220 , COLOR 4, TRANS. 15.0, WAVE SW 1, SWELL SW 1, WIND SW 1 , BARO 1015. ,
 AIR TEMP. DRY 3.6, WET , CLOUD, TYPE CU, AMT 10, WEATHER C

0	9.35	34.217	6.77	0	9.35	34.217	6.77	26.46	157	157	0.0000
10	9.27	34.186	6.78	10	9.27	34.186	6.78	26.45	158	158	0.0157
20	9.30	34.126	6.47	20	9.30	34.126	6.47	26.40	163	163	0.0318
30	9.28	34.091	6.17	30	9.28	34.091	6.17	26.38	165	165	0.0483
50	9.08	34.090	6.07	50	9.08	34.090	6.07	26.41	162	163	0.0812
75	9.06	34.129	6.07	75	9.06	34.129	6.07	26.44	159	160	0.1216
91	5.36	34.208	5.87	100	4.34	34.241	5.83	27.16	090	091	0.1532
116	2.54	34.301	5.77	125	2.28	34.261	5.74	27.37	071	071	0.1735
146	1.68	34.168	5.67	150	1.62	34.168	5.67	27.35	073	073	0.1916
205	0.92	34.173	5.67	200	0.98	34.172	5.67	27.40	068	068	0.2272

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GANGWON 867 , STATION 104-06 , 37-03.4. N, 129-47.6. E, FEB.21.1987, 09:25 KST,
 DEPTH 600 , COLOR 4, TRANS. 15.0, WAVE SW 2, SWELL SW 1, WIND SW 2 , BARO 1015. ,
 AIR TEMP. DRY 3.8, WET , CLOUD. TYPE CU, AMT 10, WEATHER C

0	9.12	34.255	6.77	0	9.12	34.255	6.77	26.53	150	150	0.0000
10	9.13	34.308	6.77	10	9.13	34.308	6.77	26.57	147	147	0.0148
20	9.13	34.262	6.68	20	9.13	34.262	6.68	26.54	150	150	0.0297
30	9.10	34.260	6.68	30	9.10	34.260	6.68	26.54	150	150	0.0448
50	9.10	34.256	6.27	50	9.10	34.256	6.27	26.54	150	151	0.0750
75	7.00	34.185	5.97	75	7.00	34.185	5.97	26.79	126	126	0.1097
93	4.98	34.101	5.97	100	4.55	34.105	6.00	27.03	103	103	0.1386
114	3.69	34.115	6.07	125	3.16	34.119	5.98	27.18	089	089	0.1628
141	2.41	34.126	5.87	150	2.34	34.125	5.87	27.26	081	082	0.1843
195	2.03	34.122	5.87	200	2.00	34.120	5.85	27.28	079	080	0.2248
243	1.77	34.110	5.77	250	1.66	34.109	5.77	27.30	078	078	0.2644
301	0.90	34.103	5.77	300	0.91	34.103	5.77	27.35	073	073	0.3025
399	0.54	34.100	5.67	400	0.53	34.100	5.66	27.37	071	071	0.3750
499	0.40	34.104	5.57								

GANGWON 867 , STATION 104-07 , 37-03.4. N, 130-00.0. E, FEB.21.1987, 10:30 KST,
 DEPTH 1050 , COLOR 3, TRANS. 15.5, WAVE SW 2, SWELL SW 1, WIND SW 2 , BARO 1015. ,
 AIR TEMP. DRY 4.0, WET , CLOUD. TYPE CU, AMT 10, WEATHER C

0	9.51	34.323	6.97	0	9.51	34.323	6.97	26.52	151	151	0.0000
10	9.52	34.335	6.78	10	9.52	34.335	6.78	26.53	151	151	0.0151
20	9.58	34.371	6.78	20	9.58	34.371	6.78	26.55	149	149	0.0301
30	9.53	34.300	6.77	30	9.53	34.300	6.77	26.50	153	154	0.0453
50	9.42	34.265	6.48	50	9.42	34.265	6.48	26.49	154	155	0.0763

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
75	7.88	34.155	6.37	75	7.88	34.155	6.37	26.64	140	141	0.1134
101	4.25	34.064	6.17	100	4.38	34.067	6.17	27.02	104	105	0.1442
126	2.42	34.060	5.97	125	2.49	34.060	5.97	27.20	087	088	0.1684
150	1.56	34.052	5.87	150	1.56	34.052	5.87	27.26	081	081	0.1896
200	1.46	34.091	5.87	200	1.46	34.091	5.87	27.30	077	078	0.2296
254	0.86	34.126	5.77	250	0.90	34.123	5.77	27.36	072	071	0.2671
294	0.59	34.116	5.87	300	0.58	34.114	5.85	27.38	070	070	0.3028
392	0.54	34.099	5.67	400	0.52	34.100	5.67	27.37	071	071	0.3737
492	0.41	34.115	5.67								

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GANGWON 867 , STATION 104-08 , 37-03.4. N, 130-18.7. E, FEB.21.1987, 12:05 KST,
 DEPTH 720 , COLOR 3, TRANS. 16.5, WAVE SW 2, SWELL SW 1, WIND SW 2 , BARO 1015. ,
 AIR TEMP. DRY 5.5, WET , CLOUD. TYPE CI, AMT 09, WEATHER C

0	10.25	34.335	6.47	0	10.25	34.335	6.47	26.40	162	162	0.0000
10	10.26	34.342	6.77	10	10.26	34.342	6.77	26.41	162	162	0.0162
20	10.24	34.317	6.98	20	10.24	34.317	6.98	26.39	164	164	0.0325
30	10.06	34.307	6.68	30	10.06	34.307	6.68	26.42	161	162	0.0489
50	9.95	34.299	6.58	50	9.95	34.299	6.58	26.43	160	161	0.0812
75	7.82	34.174	6.38	75	7.82	34.174	6.38	26.67	138	138	0.1188
100	4.68	34.087	6.28	100	4.68	34.087	6.28	27.00	106	106	0.1495
122	2.92	34.058	6.18	125	2.85	34.054	6.14	27.16	091	091	0.1743
146	2.36	34.030	5.87	150	2.26	34.032	5.87	27.19	088	088	0.1968
191	1.33	34.060	5.87	200	1.25	34.071	5.87	27.30	078	078	0.2385
242	0.89	34.124	5.87	250	0.85	34.119	5.85	27.36	072	071	0.2761
292	0.66	34.097	5.77	300	0.65	34.094	5.75	27.36	072	072	0.3122
394	0.63	34.068	5.57	400	0.61	34.069	5.57	27.34	074	074	0.3856
504	0.36	34.104	5.57	500	0.36	34.102	5.57	27.38	070	070	0.4577

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GANGWON 867 , STATION 104-09 , 37-03.4. N, 130-37.6. E, FEB.21.1987, 13:35 KST,
 DEPTH 2340 , COLOR 3, TRANS. 16.5, WAVE SW 2, SWELL SW 1, WIND SW 2 , BARO 1015. ,
 AIR TEMP. DRY 6.5, WET , CLOUD. TYPE CI, AMT 09, WEATHER C

0	10.06	34.257	6.67	0	10.06	34.257	6.67	26.38	165	165	0.0000
10	10.06	34.317	6.88	10	10.06	34.317	6.88	26.42	161	161	0.0163
20	10.10	34.279	6.78	20	10.10	34.279	6.78	26.39	164	164	0.0326
30	10.00	34.280	6.48	30	10.00	34.280	6.48	26.41	162	163	0.0490
50	9.97	34.294	6.47	50	9.97	34.294	6.47	26.42	161	162	0.0815
75	8.83	34.175	6.27	75	8.83	34.175	6.27	26.51	152	153	0.1210
97	5.16	34.137	6.27	100	4.84	34.131	6.27	27.02	104	105	0.1533
121	2.67	34.095	6.27	125	2.52	34.086	6.20	27.22	086	086	0.1773
144	1.84	34.047	5.87	150	1.76	34.050	5.85	27.25	083	083	0.1985
203	1.14	34.085	5.77	200	1.17	34.083	5.77	27.31	076	076	0.2386
244	0.74	34.126	5.67	250	0.73	34.126	5.67	27.38	070	070	0.2754
301	0.65	34.134	5.67	300	0.65	34.133	5.67	27.39	069	069	0.3104
394	0.52	34.161	5.77	400	0.51	34.156	5.74	27.41	066	066	0.3787
461	0.41	34.111	5.46								

GANGWON 867 , STATION 104-10 , 37-03.4. N, 130-56.4. E, FEB.21.1987, 15:05 KST,
 DEPTH 1800 , COLOR 3, TRANS. 16.0, WAVE SW 3, SWELL SW 1, WIND SW 3 , BARO 1015. ,
 AIR TEMP. DRY 6.0, WET , CLOUD. TYPE CI, AMT 08, WEATHER C

0	10.31	34.302	6.68	0	10.31	34.302	6.68	26.37	166	166	0.0000
10	10.39	34.314	6.68	10	10.39	34.314	6.68	26.36	166	166	0.0166
20	10.51	34.334	6.58	20	10.51	34.334	6.58	26.36	167	167	0.0333
30	10.60	34.341	6.28	30	10.60	34.341	6.28	26.35	168	168	0.0501
50	10.29	34.373	6.27	50	10.29	34.373	6.27	26.43	160	161	0.0831

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
75	8.14	34.211	6.17	75	8.14	34.211	6.17	26.65	139	140	0.1209
103	5.46	34.138	6.07	100	5.74	34.145	6.08	26.93	113	114	0.1528
121	3.47	34.121	6.07	125	3.30	34.118	6.02	27.17	090	090	0.1785
148	2.33	34.102	5.77	150	2.28	34.102	5.76	27.25	083	083	0.2003
201	1.20	34.107	5.66	200	1.22	34.106	5.66	27.33	075	075	0.2400
245	0.75	34.121	5.56	250	0.73	34.121	5.54	27.37	071	071	0.2766
289	0.63	34.122	5.46	300	0.61	34.122	5.46	27.38	070	070	0.3119
391	0.49	34.124	5.46	400	0.47	34.124	5.45	27.39	069	069	0.3816
492	0.37	34.135	5.36								

GANGWON 867 , STATION 104-11 , 37-03.4. N, 131-15.3. E, FEB.21.1987, 16:35 KST,
 DEPTH 2325 , COLOR 3, TRANS. 16.0, WAVE SW 4, SWELL SW 2, WIND SW 4 , BARO 1015. ,
 AIR TEMP, DRY 5.8, WET , CLOUD, TYPE CI, AMT 06, WEATHER BC

0	10.24	34.405	6.57	0	10.24	34.405	6.57	26.46	157	157	0.0000
10	10.29	34.331	6.47	10	10.29	34.331	6.47	26.39	163	163	0.0160
20	10.22	34.251	6.30	20	10.22	34.251	6.30	26.34	168	168	0.0326
30	10.42	34.264	6.17	30	10.42	34.264	6.17	26.32	171	171	0.0496
50	9.98	34.298	5.97	50	9.98	34.298	5.97	26.42	161	162	0.0830
75	9.97	34.312	5.97	75	9.97	34.312	5.97	26.44	160	161	0.1234
98	6.36	34.320	5.87	100	6.16	34.308	5.87	27.00	106	107	0.1570
123	3.92	34.172	5.87	125	3.76	34.163	5.85	27.16	091	091	0.1819
148	1.93	34.060	5.66	150	1.90	34.061	5.66	27.24	083	083	0.2038
198	1.33	34.095	5.66	200	1.32	34.095	5.65	27.31	076	076	0.2439
248	1.08	34.104	5.57	250	1.06	34.104	5.57	27.34	074	074	0.2818
298	0.72	34.110	5.57	300	0.71	34.109	5.56	27.36	071	071	0.3184
403	0.48	34.107	5.46	400	0.48	34.107	5.46	27.38	070	070	0.3895
463	0.47	34.109	5.36								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

4 月(April)

GANGWON 867 , STATION 104-04 , 37-03.4. N. 129-28.8. E, APR. 9.1987, 07:10 KST,
 DEPTH 110 , COLOR , TRANS. , WAVE SW 4, SWELL SW 2, WIND SW 4 , BARO 1008. ,
 AIR TEMP. DRY 9.7, WET , CLOUD. TYPE NS, AMT 10, WEATHER C

0	11.98	34.397	6.23	0	11.98	34.397	6.23	26.14	188	187	0.0000
10	11.73	34.515	6.64	10	11.73	34.515	6.64	26.28	175	174	0.0181
20	11.07	34.431	6.53	20	11.07	34.431	6.53	26.33	169	169	0.0353
30	10.69	34.432	6.42	30	10.69	34.432	6.42	26.40	163	163	0.0520
50	8.48	34.357	6.66	50	8.48	34.357	6.66	26.71	133	134	0.0818
75	4.32	34.387	6.47	75	4.32	34.387	6.47	27.28	079	080	0.1086
100	3.82	34.146	6.35	100	3.82	34.146	6.35	27.14	092	093	0.1303

GANGWON 867 , STATION 104-05 , 37-03.4. N. 129-33.6. E, APR. 9.1987, 07:50 KST,
 DEPTH 220 , COLOR 4, TRANS. 12.0, WAVE SW 4, SWELL SW 2, WIND SW 4 , BARO 1008. ,
 AIR TEMP. DRY 10.4, WET , CLOUD. TYPE NS, AMT 10, WEATHER C

0	12.22	34.516	6.23	0	12.22	34.516	6.23	26.19	183	183	0.0000
10	12.11	34.521	6.54	10	12.11	34.521	6.54	26.21	181	181	0.0182
20	12.11	34.521	6.64	20	12.11	34.521	6.64	26.21	181	181	0.0363
30	11.69	34.546	6.63	30	11.69	34.546	6.63	26.31	172	172	0.0540
50	11.68	34.445	6.55	50	11.68	34.445	6.55	26.23	179	180	0.0893
75	8.99	34.232	6.47	75	8.99	34.232	6.47	26.53	150	151	0.1308
100	3.89	34.219	6.36	100	3.89	34.219	6.36	27.19	088	088	0.1609
123	3.00	34.103	6.25	125	2.97	34.104	6.22	27.19	088	088	0.1831
134	2.88	34.112	6.12	150	2.66	34.113	6.03	27.22	085	085	0.2049
193	2.08	34.117	5.81								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GANGWON 867 , STATION 104-06 , 37-03.4. N, 129-47.6. E, APR.18.1987, 10:30 KST,
 DEPTH 600 , COLOR 4, TRANS. 12.0, WAVE SE 1, SWELL SE 1, WIND SE 1 , BARO 1013. ,
 AIR TEMP. DRY 19.5, WET , CLOUD. TYPE , AMT , WEATHER B

0	12.14	34.501	6.32	0	12.14	34.501	6.32	26.19	183	183	0.0000
10	11.94	34.489	6.54	10	11.94	34.489	6.54	26.22	180	180	0.0181
20	11.24	34.450	6.64	20	11.24	34.450	6.64	26.32	171	171	0.0357
30	9.67	34.433	6.67	30	9.67	34.433	6.67	26.58	146	146	0.0516
50	6.78	34.254	6.76	50	6.78	34.254	6.76	26.88	118	118	0.0782
75	4.81	34.144	6.64	75	4.81	34.144	6.64	27.04	103	103	0.1059
99	2.87	34.018	6.54	100	2.86	34.020	6.52	27.13	093	094	0.1307
119	2.77	34.060	6.23	125	2.56	34.058	6.16	27.19	088	088	0.1536
139	2.09	34.056	6.02	150	1.86	34.068	6.02	27.25	082	082	0.1750
184	1.15	34.109	6.02	200	1.03	34.117	5.88	27.35	073	073	0.2140
232	0.79	34.133	5.61	250	0.71	34.129	5.56	27.38	070	070	0.2498
280	0.58	34.124	5.49	300	0.57	34.122	5.42	27.38	070	069	0.2849
375	0.56	34.119	5.19	400	0.55	34.121	5.25	27.38	070	069	0.3548
486	0.53	34.132	5.50								

GANGWON 867 , STATION 104-07 , 37-03.4. N, 130-00.0. E, APR.18.1987, 11:35 KST,
 DEPTH 1050 , COLOR 4, TRANS. 12.0, WAVE SE 1, SWELL SE 1, WIND SE 1 , BARO 1013. ,
 AIR TEMP. DRY 19.6, WET , CLOUD. TYPE , AMT , WEATHER B

0	12.38	34.527	6.44	0	12.38	34.527	6.44	26.16	185	185	0.0000
10	12.07	34.484	6.75	10	12.07	34.484	6.75	26.19	183	183	0.0184
20	11.15	34.440	6.54	20	11.15	34.440	6.54	26.33	170	170	0.0361
30	10.05	34.433	6.23	30	10.05	34.433	6.23	26.52	152	152	0.0523
50	8.48	34.227	6.54	50	8.48	34.227	6.54	26.61	143	144	0.0819

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
75	5.14	34.087	6.55	75	5.14	34.087	6.55	26.95	110	111	0.1139
96	3.76	34.071	6.44	100	3.58	34.069	6.41	27.11	096	096	0.1400
127	2.41	34.063	6.23	125	2.49	34.063	6.24	27.20	087	087	0.1631
158	1.47	34.064	5.92	150	1.71	34.063	6.00	27.26	081	081	0.1843
190	0.86	34.080	5.71	200	0.82	34.081	5.69	27.34	074	074	0.2234
240	0.67	34.088	5.61	250	0.63	34.089	5.58	27.35	073	072	0.2603
291	0.51	34.096	5.50	300	0.50	34.096	5.48	27.37	071	071	0.2964
393	0.48	34.106	5.30	400	0.47	34.107	5.31	27.38	070	070	0.3673
505	0.35	34.126	5.61	500	0.35	34.125	5.59	27.40	068	068	0.4367

GANGWON 867 , STATION 104-08 , 37-03.4, N, 130-18.7, E, APR. 18, 1987, 13:05 KST,
 DEPTH 720 , COLOR 4, TRANS. 12.0, WAVE SE 1, SWELL SE 1, WIND SE 1 , BARO 1013. ,
 AIR TEMP. DRY 19.4, WET , CLOUD. TYPE , AMT , WEATHER B

0	13.83	34.523	6.33	0	13.83	34.523	6.33	25.87	213	213	0.0000
10	12.67	34.524	6.54	10	12.67	34.524	6.54	26.10	191	191	0.0202
20	12.56	34.507	6.44	20	12.56	34.507	6.44	26.11	190	190	0.0393
30	11.79	34.492	6.64	30	11.79	34.492	6.64	26.25	177	178	0.0578
50	10.56	34.462	6.23	50	10.56	34.462	6.23	26.45	158	159	0.0916
75	8.16	34.223	6.02	75	8.16	34.223	6.02	26.66	139	140	0.1290
96	5.41	34.142	5.92	100	5.01	34.127	5.95	27.00	106	107	0.1600
118	3.24	34.060	6.12	125	2.97	34.047	6.04	27.14	092	093	0.1851
147	2.16	34.007	5.81	150	2.09	34.009	5.79	27.19	088	088	0.2078
187	1.35	34.040	5.61	200	1.21	34.056	5.55	27.29	079	079	0.2499
233	0.88	34.097	5.40	250	0.77	34.097	5.36	27.35	073	073	0.2879
280	0.59	34.099	5.30	300	0.55	34.105	5.25	27.37	071	071	0.3240
373	0.45	34.127	5.09	400	0.44	34.123	5.11	27.39	069	069	0.3941
468	0.42	34.115	5.19								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GANGWON 867 , STATION 104-09 , 37-03.4. N, 130-37.6. E, APR.18.1987, 14:35 KST,
 DEPTH 2340 , COLOR 4, TRANS. 12.5, WAVE SE 1, SWELL SE 1, WIND SE 1 , BARO 1013. ,
 AIR TEMP. DRY 19.6, WET , CLOUD. TYPE , AMT , WEATHER B

0	14.08	34.523	6.23	0	14.08	34.523	6.23	25.82	218	218	0.0000
10	13.14	34.525	6.44	10	13.14	34.525	6.44	26.01	200	200	0.0209
20	12.61	34.485	6.62	20	12.61	34.485	6.62	26.09	193	193	0.0406
30	10.99	34.448	6.42	30	10.99	34.448	6.42	26.36	167	167	0.0586
50	8.73	34.306	6.23	50	8.73	34.306	6.23	26.63	141	141	0.0896
75	7.52	34.226	6.33	75	7.52	34.226	6.33	26.75	129	130	0.1237
100	5.87	34.113	6.54	100	5.87	34.113	6.54	26.89	117	118	0.1548
125	3.69	34.007	6.35	125	3.69	34.007	6.35	27.05	102	102	0.1825
146	2.68	34.002	6.03	150	2.56	34.007	6.00	27.15	092	092	0.2070
188	1.48	34.063	5.81	200	1.47	34.081	5.81	27.29	078	079	0.2499
232	1.45	34.129	5.81	250	1.38	34.122	5.77	27.33	075	075	0.2885
285	1.25	34.110	5.71	300	1.15	34.115	5.66	27.34	074	074	0.3260
391	0.57	34.151	5.40	400	0.55	34.149	5.39	27.41	068	067	0.3970
486	0.41	34.135	5.30								

GANGWON 867 , STATION 104-10 , 37-03.4. N, 130-56.4. E, APR.18.1987, 16:10 KST,
 DEPTH 1800 , COLOR 4, TRANS. 13.0, WAVE SE 1, SWELL SE 1, WIND SE 1 , BARO 1013. ,
 AIR TEMP. DRY 19.2, WET , CLOUD. TYPE , AMT , WEATHER B

0	12.84	34.320	6.44	0	12.84	34.320	6.44	25.91	209	209	0.0000
10	11.61	34.285	6.85	10	11.61	34.285	6.85	26.12	189	189	0.0199
20	8.99	34.255	6.64	20	8.99	34.255	6.64	26.55	149	149	0.0369
30	7.51	34.142	6.87	30	7.51	34.142	6.87	26.69	136	136	0.0511
50	6.67	34.117	6.66	50	6.67	34.117	6.66	26.78	127	127	0.0775
75	5.22	34.095	6.56	75	5.22	34.095	6.56	26.95	111	111	0.1074

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	O2	DEPTH	TEMP	SAL	O2	SIGMA-T	D-T	SVA	D-DY
100	3.86	34.078	6.45	100	3.86	34.078	6.45	27.08	098	099	0.1337
125	2.41	34.024	6.24	125	2.41	34.024	6.24	27.17	089	090	0.1574
150	1.87	34.072	6.02	150	1.87	34.072	6.02	27.26	082	082	0.1790
200	1.48	34.118	5.61	200	1.48	34.118	5.61	27.32	076	076	0.2187
250	0.89	34.121	5.61	250	0.89	34.121	5.61	27.36	072	072	0.2558
297	0.73	34.111	5.40	300	0.72	34.110	5.40	27.37	071	071	0.2917
402	0.44	34.110	5.40	400	0.44	34.110	5.40	27.38	070	070	0.3626
472	0.43	34.124	5.61								

GANGWON 867 , STATION 104--11 , 37-03.4. N, 131-15.3. E, APR.18.1987, 17:30 KST,
 DEPTH 2325 , COLOR 5, TRANS. 13.0, WAVE SE 1, SWELL SE 1, WIND SE 1 , BARO 1013. ,
 AIR TEMP. DRY 18.4, WET , CLOUD. TYPE , AMT , WEATHER B

0	12.27	34.328	6.75	0	12.27	34.328	6.75	26.03	198	198	0.0000
10	10.25	34.263	7.27	10	10.25	34.263	7.27	26.35	168	168	0.0183
20	8.27	34.250	6.85	20	8.27	34.250	6.85	26.66	138	138	0.0336
30	8.19	34.167	6.64	30	8.19	34.167	6.64	26.61	143	143	0.0478
50	7.70	34.131	6.76	50	7.70	34.131	6.76	26.65	139	140	0.0762
75	7.54	34.137	6.65	75	7.54	34.137	6.65	26.68	136	137	0.1109
93	6.19	34.140	6.44	100	5.06	34.134	6.30	27.00	106	107	0.1416
114	2.82	34.122	6.02	125	2.57	34.113	5.90	27.23	084	084	0.1656
134	2.37	34.107	5.81	150	2.04	34.105	5.81	27.27	081	081	0.1864
194	1.15	34.100	5.81	200	1.11	34.101	5.81	27.33	074	074	0.2254
244	0.83	34.111	5.81	250	0.80	34.110	5.79	27.36	072	072	0.2622
290	0.60	34.110	5.71	300	0.59	34.110	5.67	27.37	071	070	0.2980
381	0.51	34.110	5.40	400	0.48	34.119	5.40	27.39	069	069	0.3684
476	0.40	34.157	5.40								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

6月(June)

GYUNGBUG 853 , STATION 104-04 , 37-03.4. N, 129-28.8. E, JUN. 14, 1987, 05:45 KST,
 DEPTH 110 , COLOR 6, TRANS. 5.0, WAVE SW 1, SWELL SW 1, WIND SW 1 , BARO 1010. ,
 AIR TEMP. DRY 17.5, WET , CLOUD, TYPE CU, AMT 09, WEATHER C

0	16.21	33.710	4.59	0	16.21	33.710	4.59	24.72	322	322	0.0000
10	15.05	34.002	5.00	10	15.05	34.002	5.00	25.21	276	276	0.0299
20	12.33	34.111	5.31	20	12.33	34.111	5.31	25.85	215	215	0.0545
30	5.88	34.173	4.80	30	5.88	34.173	4.80	26.93	113	113	0.0710
50	4.34	34.142	4.59	50	4.34	34.142	4.59	27.09	098	098	0.0922
75	2.55	34.079	4.90	75	2.55	34.079	4.90	27.21	086	086	0.1154
100	1.94	34.078	5.00	100	1.94	34.078	5.00	27.26	082	082	0.1365

GYUNGBUG 853 , STATION 104-05 , 37-03.4. N, 129-33.6. E, JUN. 14, 1987, 06:20 KST,
 DEPTH 220 , COLOR 6, TRANS. 5.0, WAVE NW 3, SWELL NW 3 , WIND NW 3 , BARO 1010. ,
 AIR TEMP. DRY 17.7, WET , CLOUD, TYPE CU, AMT 10, WEATHER C

0	17.43	34.002	6.02	0	17.43	34.002	6.02	24.66	328	328	0.0000
10	14.05	34.116	6.84	10	14.05	34.116	6.84	25.51	248	248	0.0288
20	7.47	34.188	4.80	20	7.47	34.188	4.80	26.73	132	132	0.0478
30	2.62	34.092	4.80	30	2.62	34.092	4.80	27.21	086	086	0.0587
50	2.32	34.094	4.80	50	2.32	34.094	4.80	27.24	083	083	0.0757
75	2.05	34.094	5.10	75	2.05	34.094	5.10	27.26	081	081	0.0965
100	1.74	34.086	4.49	100	1.74	34.086	4.49	27.28	080	080	0.1167
119	1.29	34.086	4.49	125	1.20	34.085	4.57	27.31	076	076	0.1364
134	1.07	34.085	4.69	150	1.00	34.088	4.75	27.33	075	075	0.1553
184	0.88	34.097	4.90								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 104-06 , 37-03.4. N, 129-47.6. E, JUN. 14, 1987, 07:50 KST,
 DEPTH 600 , COLOR 6, TRANS. 5.5, WAVE NW 2, SWELL NW 1, WIND NW 2 , BARO 1010. ,
 AIR TEMP. DRY 17.8, WET , CLOUD. TYPE CU, AMT 08, WEATHER C

0	17.34	33.714	5.61	0	17.34	33.714	5.61	24.46	347	347	0.0000
10	13.89	33.981	6.33	10	13.89	33.981	6.33	25.44	254	254	0.0301
20	12.06	34.091	5.10	20	12.06	34.091	5.10	25.89	212	212	0.0534
30	8.90	34.222	4.90	30	8.90	34.222	4.90	26.54	150	150	0.0716
50	5.68	34.226	5.00	50	5.68	34.226	5.00	27.00	106	107	0.0973
75	3.63	34.140	5.00	75	3.63	34.140	5.00	27.16	091	091	0.1222
105	3.04	34.179	5.51	100	3.13	34.172	5.42	27.23	084	085	0.1443
125	2.72	34.132	4.80	125	2.72	34.132	4.80	27.23	084	084	0.1655
146	1.54	34.055	5.20	150	1.50	34.055	5.20	27.27	080	080	0.1862
199	1.01	34.067	5.20	200	1.00	34.067	5.20	27.31	076	076	0.2257
244	0.85	34.080	5.20	250	0.82	34.080	5.20	27.33	074	074	0.2636
288	0.69	34.080	5.20	300	0.66	34.083	5.13	27.35	073	073	0.3007
377	0.51	34.107	4.69	400	0.48	34.104	4.69	27.37	071	070	0.3728
465	0.40	34.096	4.69								

GYUNGBUG 853 , STATION 104-07 , 37-03.4. N, 130-00.0. E, JUN. 14, 1987, 09:15 KST,
 DEPTH 1050 , COLOR 3, TRANS. 18.0, WAVE NW 2, SWELL NW 1, WIND NW 3 , BARO 1010. ,
 AIR TEMP. DRY 18.0, WET , CLOUD. TYPE CU, AMT 08, WEATHER C

0	19.15	33.731	5.00	0	19.15	33.731	5.00	24.03	388	388	0.0000
10	19.02	33.817	5.20	10	19.02	33.817	5.20	24.13	379	379	0.0384
20	18.33	33.796	5.61	20	18.33	33.796	5.61	24.28	364	364	0.0756
30	15.36	34.118	5.61	30	15.36	34.118	5.61	25.23	274	275	0.1076
50	14.41	34.218	5.51	50	14.41	34.218	5.51	25.51	247	248	0.1600

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
75	14.39	34.390	5.41	75	14.39	34.390	5.41	25.65	234	236	0.2207
96	14.34	34.448	5.20	100	14.32	34.444	5.29	25.70	229	232	0.2793
118	14.28	34.426	5.71	125	12.22	34.385	5.53	26.08	193	196	0.3329
143	6.94	34.281	5.10	150	6.36	34.257	5.18	26.94	112	114	0.3717
192	2.93	34.116	5.69	200	2.67	34.108	5.69	27.22	085	086	0.4219
241	1.35	34.067	5.71	250	1.24	34.069	5.69	27.30	078	078	0.4631
289	0.79	34.078	5.61	300	0.75	34.080	5.45	27.34	074	074	0.5013
360	0.58	34.096	4.59	400	0.50	34.099	4.76	27.37	071	071	0.5741
430	0.44	34.102	4.90								

1-39-1
 GYUNGBUG 853 , STATION 104-08 , 37-03.4, N, 130-18.7, E, JUN. 14, 1987, 11:10 KST,
 DEPTH 720 , COLOR 3, TRANS. 18.0, WAVE NW 3, SWELL NW 2, WIND NW 3 , BARO 1010. ,
 AIR TEMP. DRY 18.6, WET , CLOUD, TYPE CU, AMT 08, WEATHER C

0	19.45	33.767	5.00	0	19.45	33.767	5.00	23.98	393	393	0.0000
10	18.93	33.822	4.69	10	18.93	33.822	4.69	24.15	377	377	0.0385
20	18.80	34.401	5.31	20	18.80	34.401	5.31	24.63	331	332	0.0739
30	18.68	34.400	5.61	30	18.68	34.400	5.61	24.66	329	329	0.1070
50	16.56	34.506	6.02	50	16.56	34.506	6.02	25.25	272	273	0.1673
75	15.47	34.531	4.70	75	15.47	34.531	4.70	25.52	246	248	0.2326
100	15.42	34.636	5.00	100	15.42	34.636	5.00	25.61	238	240	0.2938
125	15.01	34.672	5.31	125	15.01	34.672	5.31	25.73	227	230	0.3527
146	13.58	34.533	4.80	150	13.18	34.514	4.85	25.99	201	205	0.4072
196	8.62	34.307	5.51	200	8.32	34.309	5.51	26.70	135	138	0.4931
243	5.15	34.337	5.51	250	4.69	34.301	5.43	27.17	090	092	0.5508
289	2.19	34.106	5.00	300	2.01	34.105	4.96	27.27	080	081	0.5944
382	0.74	34.101	4.69	400	0.69	34.102	4.67	27.36	072	072	0.6713
474	0.52	34.111	4.59								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 104-09 , 37-03.4. N, 130-37.6. E, JUN. 14, 1987, 13:05 KST,
 DEPTH 2340 , COLOR 3, TRANS. 16.0, WAVE NW 4, SWELL NW 2, WIND NW 4 , BARO 1010. ,
 AIR TEMP. DRY 18.7, WET , CLOUD. TYPE CU, AMT 08, WEATHER C

0	19.09	33.828	6.73	0	19.09	33.828	6.73	24.12	380	380	0.0000
10	18.99	33.915	5.41	10	18.99	33.915	5.41	24.21	371	371	0.0375
20	18.31	34.094	5.41	20	18.31	34.094	5.41	24.52	342	342	0.0733
30	16.39	34.332	5.41	30	16.39	34.332	5.41	25.16	281	281	0.1045
50	15.33	34.539	5.41	50	15.33	34.539	5.41	25.56	243	244	0.1572
75	14.69	34.480	4.51	75	14.69	34.480	4.51	25.65	234	236	0.2172
96	14.63	34.524	4.08	100	14.62	34.526	4.15	25.70	229	232	0.2758
123	14.60	34.542	4.59	125	14.46	34.542	4.74	25.75	225	228	0.3334
140	13.47	34.545	5.92	150	12.29	34.529	6.03	26.18	184	187	0.3854
175	9.37	34.489	6.33	200	6.93	34.331	6.18	26.92	114	117	0.4615
210	5.96	34.268	6.12	250	4.85	34.112	5.95	27.01	105	108	0.5179
245	5.23	34.113	6.02	300	1.69	34.106	5.42	27.30	078	079	0.5647
291	1.80	34.111	5.41								
378	0.77	34.068	5.51								

GYUNGBUG 853 , STATION 104-10 , 37-03.4. N, 130-56.4. E, JUN. 14, 1987, 15:05 KST,
 DEPTH 1800 , COLOR 3, TRANS. 16.0, WAVE NW 4, SWELL NW 2, WIND NW 4 , BARO 1010. ,
 AIR TEMP. DRY 18.6, WET , CLOUD. TYPE CU, AMT 08, WEATHER C

0	19.05	34.333	4.69	0	19.05	34.333	4.69	24.51	342	342	0.0000
10	17.80	34.360	6.22	10	17.80	34.360	6.22	24.85	311	311	0.0326
20	17.25	34.345	6.43	20	17.25	34.345	6.43	24.97	299	299	0.0632
30	15.52	34.510	5.31	30	15.52	34.510	5.31	25.49	249	250	0.0907
50	14.33	34.518	5.00	50	14.33	34.518	5.00	25.76	224	225	0.1382

OBSERVED				INTERPOLATED			CALCULATED				
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
75	13.54	34.570	5.71	75	13.54	34.570	5.71	25.96	204	206	0.1922
102	12.05	34.512	4.69	100	12.16	34.516	4.76	26.20	182	184	0.2411
125	11.92	34.515	4.69	125	11.92	34.515	4.69	26.24	178	181	0.2869
140	11.14	34.455	4.80	150	10.88	34.436	4.90	26.37	166	169	0.3307
170	10.38	34.399	5.10	200	8.02	34.259	5.20	26.70	134	137	0.4074
200	8.02	34.259	5.20	250	2.68	34.104	4.98	27.22	086	087	0.4636
229	5.58	34.120	4.90	300	1.49	34.109	4.81	27.31	076	077	0.5047
255	2.00	34.101	5.00								
357	0.86	34.120	4.59								

GYUNGBUG 853 , STATION 104-11 , 37-03.4. N, 131-15.3. E, JUN. 14, 1987, 17:00 KST,
 DEPTH 2325 , COLOR 3, TRANS. 16.0, WAVE NE 4, SWELL NE 2, WIND NE 4 , BARO 1010. ,
 AIR TEMP. DRY 18.5, WET , CLOUD, TYPE CU, AMT 08, WEATHER C

0	18.81	34.241	4.69	0	18.81	34.241	4.69	24.50	343	343	0.0000
10	18.68	34.239	6.73	10	18.68	34.239	6.73	24.54	340	340	0.0342
20	17.18	34.251	6.43	20	17.18	34.251	6.43	24.91	304	305	0.0665
30	17.10	34.246	6.43	30	17.10	34.246	6.43	24.93	303	304	0.0969
50	15.14	34.410	5.20	50	15.14	34.410	5.20	25.50	248	249	0.1523
75	14.67	34.538	5.20	75	14.67	34.538	5.20	25.70	229	231	0.2125
94	13.76	34.557	5.20	100	13.73	34.557	5.06	25.91	209	211	0.2679
121	13.65	34.560	4.59	125	13.37	34.546	4.54	25.98	203	206	0.3202
138	12.49	34.504	4.39	150	11.66	34.467	5.07	26.25	177	180	0.3686
161	10.90	34.434	5.71	200	9.08	34.324	5.21	26.59	145	148	0.4509
195	9.42	34.351	5.20	250	5.80	34.150	5.03	26.92	113	116	0.5172
229	7.16	34.174	5.31	300	2.64	34.097	4.39	27.21	086	087	0.5683
298	2.70	34.098	4.39								
367	0.88	34.093	4.49								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

8月(August)

GANGWON 867 , STATION 104-04 , 37-03.4. N, 129-28.8. E, AUG. 11. 1987, 17:30 KST,
 DEPTH 110 , COLOR 4, TRANS. 10.5, WAVE NW 3, SWELL NW 1, WIND NW 3 , BARO 1012. ,
 AIR TEMP. DRY 20.7, WET , CLOUD. TYPE AS, AMT 10, WEATHER R

0	19.82	32.657	5.47	0	19.82	32.657	5.47	23.04	483	483	0.0000
10	19.47	32.649	5.88	10	19.47	32.649	5.88	23.12	475	475	0.0479
20	16.79	33.275	5.63	20	16.79	33.275	5.63	24.26	367	367	0.0900
30	14.01	33.691	5.46	30	14.01	33.691	5.46	25.19	278	278	0.1223
50	8.24	33.824	5.35	50	8.24	33.824	5.35	26.33	169	170	0.1673
75	5.43	33.987	5.30	75	5.43	33.987	5.30	26.84	121	122	0.2039
100	3.86	33.961	5.42	100	3.86	33.961	5.42	26.99	107	107	0.2327

GANGWON 867 , STATION 104-05 , 37-03.4. N, 129-33.6. E, AUG. 11. 1987, 16:40 KST,
 DEPTH 220 , COLOR 4, TRANS. 10.5, WAVE NW 3, SWELL NW 1, WIND NW 3 , BARO 1012. ,
 AIR TEMP. DRY 21.5, WET , CLOUD. TYPE CB, AMT 10, WEATHER R

0	20.05	32.690	5.21	0	20.05	32.690	5.21	23.01	486	486	0.0000
10	16.42	33.593	5.58	10	16.42	33.593	5.58	24.59	335	335	0.0411
20	11.16	33.903	5.00	20	11.16	33.903	5.00	25.91	210	210	0.0684
30	10.71	33.920	5.00	30	10.71	33.920	5.00	26.00	201	201	0.0890
50	6.28	34.002	5.00	50	6.28	34.002	5.00	26.75	130	131	0.1222
75	4.21	33.971	5.21	75	4.21	33.971	5.21	26.96	109	110	0.1524
103	3.10	33.951	5.42	100	3.21	33.953	5.39	27.05	102	102	0.1790
128	2.31	33.957	5.31	125	2.40	33.956	5.32	27.12	095	095	0.2037
141	1.76	33.961	5.33	150	1.58	33.968	5.33	27.19	088	088	0.2266
195	0.72	34.007	5.33								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GANGWON 867 , STATION 104-06 , 37-03.4, N, 129-47.6, E, AUG.11.1987, 15:25 KST,
 DEPTH 600 , COLOR 4, TRANS. 13.0, WAVE NW 3, SWELL NW 1, WIND NW 3 , BARO 1012. ,
 AIR TEMP. DRY 22.0, WET , CLOUD, TYPE CB, AMT 10, WEATHER R

0	20.43	33.171	5.43	0	20.43	33.171	5.43	23.27	461	460	0.0000
10	15.19	33.582	5.53	10	15.19	33.582	5.53	24.85	310	310	0.0385
20	11.80	33.929	5.19	20	11.80	33.929	5.19	25.81	219	219	0.0650
30	10.14	34.040	4.89	30	10.14	34.040	4.89	26.19	182	183	0.0852
50	7.46	34.073	4.69	50	7.46	34.073	4.69	26.64	140	141	0.1176
75	4.17	34.032	4.90	75	4.17	34.032	4.90	27.02	104	105	0.1484
95	3.22	34.055	5.08	100	2.87	34.043	5.08	27.15	092	092	0.1731
121	1.42	33.997	5.13	125	1.38	34.001	5.14	27.23	084	084	0.1952
146	1.18	34.024	5.22	150	1.14	34.019	5.22	27.27	081	081	0.2159
190	0.76	33.979	5.22	200	0.74	33.982	5.21	27.26	081	081	0.2566
240	0.66	33.998	5.21	250	0.65	33.996	5.21	27.28	080	079	0.2970
289	0.64	33.992	5.21	300	0.61	34.002	5.18	27.28	079	079	0.3368
383	0.43	34.084	5.00	400	0.41	34.071	5.00	27.35	073	072	0.4128
473	0.36	34.019	5.00								

GANGWON 867 , STATION 104-07 , 37-03.4, N, 130-00.0, E, AUG.11.1987, 14:10 KST,
 DEPTH 1050 , COLOR 4, TRANS. 13.0, WAVE NW 3, SWELL NW 1, WIND NW 3 , BARO 1012. ,
 AIR TEMP. DRY 22.5, WET , CLOUD, TYPE CB, AMT 10, WEATHER R

0	19.96	32.885	5.12	0	19.96	32.885	5.12	23.18	470	469	0.0000
10	20.55	32.860	5.22	10	20.55	32.860	5.22	23.00	486	486	0.0478
20	18.29	33.937	4.97	20	18.29	33.937	4.97	24.40	353	353	0.0898
30	17.29	34.167	4.55	30	17.29	34.167	4.55	24.82	313	314	0.1232
50	15.46	34.220	4.38	50	15.46	34.220	4.38	25.28	269	270	0.1817

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
75	14.03	34.267	4.48	75	14.03	34.267	4.48	25.63	236	238	0.2453
97	6.11	34.267	4.79	100	5.88	34.237	4.80	26.98	108	109	0.2888
122	4.27	34.017	4.88	125	4.13	34.014	4.89	27.01	105	106	0.3158
148	3.11	33.998	5.00	150	3.02	33.996	5.00	27.10	097	097	0.3413
190	1.23	33.966	5.00	200	1.13	33.970	5.00	27.23	085	085	0.3870
238	0.79	33.988	5.00	250	0.74	33.991	5.07	27.27	081	080	0.4285
286	0.60	34.000	5.31	300	0.57	34.001	5.26	27.29	079	079	0.4685
381	0.43	34.010	5.00	400	0.40	34.011	4.95	27.30	077	077	0.5467
468	0.32	34.015	4.80								

GANGWON 867 , STATION 104-08 , 37-03.4, N, 130-18.7, E, AUG. 11, 1987, 12:40 KST,
 DEPTH 720 , COLOR 3, TRANS. 16.0, WAVE SW 1, SWELL SW 1, WIND SW 1 , BARO 1012. ,
 AIR TEMP. DRY 23.8, WET , CLOUD, TYPE CB, AMT 10, WEATHER R

0	21.89	33.349	4.88	0	21.89	33.349	4.88	23.01	486	485	0.0000
10	21.42	33.472	5.27	10	21.42	33.472	5.27	23.23	464	464	0.0475
20	19.81	33.608	4.88	20	19.81	33.608	4.88	23.77	414	414	0.0914
30	18.36	33.923	4.60	30	18.36	33.923	4.60	24.37	356	356	0.1300
50	15.30	34.296	4.69	50	15.30	34.296	4.69	25.38	261	261	0.1918
75	14.65	34.299	4.58	75	14.65	34.299	4.58	25.52	246	248	0.2556
95	11.18	34.402	5.00	100	10.79	34.368	5.05	26.34	169	171	0.3081
123	9.01	34.216	5.31	125	8.95	34.213	5.31	26.52	151	153	0.3487
147	8.37	34.187	5.31	150	8.31	34.184	5.31	26.60	144	146	0.3863
201	7.45	34.144	5.31	200	7.46	34.144	5.31	26.70	135	138	0.4575
253	4.18	34.003	5.31	250	4.36	34.011	5.31	26.98	108	110	0.5197
291	1.89	33.989	4.90	300	1.78	33.994	4.91	27.20	087	088	0.5694
380	0.81	34.039	5.00	400	0.74	34.031	4.92	27.30	078	077	0.6524
465	0.52	34.008	4.67								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GANGWON 867 , STATION 104-09 , 37-03.4. N, 130-37.6. E, AUG. 11, 1987, 11:05 KST,
 DEPTH 2340 , COLOR 3, TRANS. 15.5, WAVE SE 1, SWELL SE 1, WIND SE 1 , BARO 1012.5,
 AIR TEMP. DRY 23.9, WET , CLOUD. TYPE CB, AMT 10, WEATHER R

0	21.83	33.581	4.48	0	21.83	33.581	4.48	23.20	467	467	0.0000
10	20.37	33.678	4.69	10	20.37	33.678	4.69	23.67	422	422	0.0445
20	18.40	33.976	4.69	20	18.40	33.976	4.69	24.40	353	353	0.0833
30	15.96	34.288	4.57	30	15.96	34.288	4.57	25.22	275	275	0.1148
50	14.35	34.323	4.57	50	14.35	34.323	4.57	25.60	239	240	0.1663
75	13.36	34.344	4.78	75	13.36	34.344	4.78	25.83	217	219	0.2238
92	11.22	34.218	5.00	100	10.66	34.212	5.11	26.24	178	180	0.2738
121	9.22	34.197	5.42	125	9.12	34.195	5.38	26.48	155	157	0.3161
143	8.70	34.189	5.21	150	8.59	34.184	5.21	26.56	148	150	0.3547
187	8.06	34.158	5.21	200	7.80	34.145	5.23	26.65	140	143	0.4281
231	7.21	34.114	5.31	250	5.65	34.078	5.21	26.88	117	120	0.4939
271	3.94	34.040	5.10	300	3.00	34.038	5.10	27.14	093	095	0.5478
365	0.91	34.036	5.10	400	0.73	34.037	5.02	27.31	077	077	0.6342
457	0.46	34.041	4.89								

GANGWON 867 , STATION 104-10 , 37-03.4. N, 130-56.4. E, AUG. 11, 1987, 09:40 KST,
 DEPTH 1800 , COLOR 3, TRANS. 15.0, WAVE NE 2, SWELL NE 1, WIND NE 2 , BARO 1012.5,
 AIR TEMP. DRY 22.4, WET , CLOUD. TYPE CB, AMT 10, WEATHER R

0	20.74	33.676	4.51	0	20.74	33.676	4.51	23.57	432	432	0.0000
10	20.39	33.809	4.58	10	20.39	33.809	4.58	23.77	413	413	0.0423
20	19.11	33.929	4.48	20	19.11	33.929	4.48	24.19	373	373	0.0817
30	17.59	34.054	4.50	30	17.59	34.054	4.50	24.66	328	329	0.1168
50	14.93	34.261	4.58	50	14.93	34.261	4.58	25.43	255	256	0.1754

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
75	13.77	34.396	4.90	75	13.77	34.396	4.90	25.78	222	223	0.2354
92	11.25	34.334	5.01	100	10.65	34.301	5.14	26.31	172	174	0.2851
117	9.39	34.233	5.42	125	8.89	34.219	5.42	26.54	150	152	0.3259
138	8.09	34.198	5.42	150	7.89	34.181	5.42	26.66	138	140	0.3625
182	7.37	34.136	5.43	200	6.49	34.112	5.34	26.80	125	127	0.4296
224	5.33	34.082	5.22	250	3.15	34.054	5.08	27.13	093	095	0.4853
265	1.90	34.038	5.00	300	1.37	34.042	5.00	27.27	081	081	0.5294
350	0.62	34.049	5.00								

GANGWON 867 , STATION 104-11 , 37-03.4, N, 131-15.3, E, AUG. 11, 1987, 08:10 KST,
 DEPTH 2325 , COLOR 3, TRANS. 15.0, WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1012.5,
 AIR TEMP. DRY 21.2, WET , CLOUD, TYPE CU, AMT 08, WEATHER C

0	20.62	33.778	4.69	0	20.62	33.778	4.69	23.68	422	421	0.0000
10	20.22	33.785	4.78	10	20.22	33.785	4.78	23.79	411	411	0.0416
20	19.05	33.870	4.68	20	19.05	33.870	4.68	24.16	376	376	0.0810
30	17.75	34.217	4.58	30	17.75	34.217	4.58	24.75	320	321	0.1159
50	15.50	34.322	4.38	50	15.50	34.322	4.38	25.35	262	263	0.1744
75	13.60	34.358	4.58	75	13.60	34.358	4.58	25.79	221	223	0.2353
100	11.85	34.267	4.67	100	11.85	34.267	4.67	26.06	195	197	0.2879
122	9.51	34.201	5.09	125	9.37	34.195	5.11	26.44	159	161	0.3327
140	8.68	34.170	5.21	150	8.53	34.167	5.16	26.56	148	151	0.3718
190	7.95	34.157	5.00	200	7.63	34.144	5.00	26.67	137	140	0.4447
239	6.40	34.096	5.00	250	5.51	34.075	4.97	26.90	116	118	0.5096
277	3.35	34.026	4.90	300	2.78	34.032	4.94	27.15	092	093	0.5627
377	0.90	34.053	5.10	400	0.79	34.055	5.02	27.32	076	076	0.6478
469	0.49	34.064	4.79								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

10月(October)

GANGWON 867 , STATION 104-04 , 37-03.4, N, 129-28.8, E, OCT. 24, 1987, 12:40 KST,
 DEPTH 110 , COLOR 4, TRANS. 11.0, WAVE NE 1, SWELL NE 0, WIND NE 1 , BARO 1018.5,
 AIR TEMP. DRY 18.7, WET , CLOUD, TYPE CI, AMT 06, WEATHER BC

0	19.05	33.345	5.23	0	19.05	33.345	5.23	23.76	414	414	0.0000
10	19.01	33.336	5.33	10	19.01	33.336	5.33	23.76	414	414	0.0414
20	18.98	33.332	5.53	20	18.98	33.332	5.53	23.77	413	414	0.0828
30	18.91	33.635	5.53	30	18.91	33.635	5.53	24.02	390	390	0.1230
50	14.45	33.877	5.33	50	14.45	33.877	5.33	25.24	273	274	0.1896
75	9.86	34.048	5.72	75	9.86	34.048	5.72	26.25	177	179	0.2463
99	2.78	33.884	5.62								

GANGWON 867 , STATION 104-05 , 37-03.4, N, 129-33.6, E, OCT. 24, 1987, 13:10 KST,
 DEPTH 220 , COLOR 4, TRANS. 11.5, WAVE NE 2, SWELL NE 1, WIND NE 2 , BARO 1018. ,
 AIR TEMP. DRY 18.8, WET , CLOUD, TYPE CI, AMT 07, WEATHER BC

0	19.53	33.136	5.53	0	19.53	33.136	5.53	23.48	441	441	0.0000
10	19.60	33.130	5.63	10	19.60	33.130	5.63	23.46	443	443	0.0442
20	20.20	33.093	5.43	20	20.20	33.093	5.43	23.27	461	461	0.0894
30	20.03	33.332	5.43	30	20.03	33.332	5.43	23.50	439	440	0.1345
50	19.71	33.462	5.52	50	19.71	33.462	5.52	23.68	422	423	0.2209
75	14.84	33.922	5.62	75	14.84	33.922	5.62	25.19	278	280	0.3088
97	7.17	34.077	5.82	100	6.78	34.099	5.79	26.76	129	130	0.3602
121	4.11	34.257	5.62	125	3.65	34.235	5.56	27.23	084	085	0.3872
143	1.61	34.136	5.33	150	1.48	34.125	5.33	27.33	075	075	0.4073
187	0.84	34.071	5.33								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GANGWON 867 , STATION 104-06 , 37-03.4. N. 129-47.6. E. OCT.24.1987, 14:40 KST,
 DEPTH 600 , COLOR 3, TRANS. 12.5, WAVE NE 2, SWELL NE 1, WIND NE 2 , BARO 1018. ,
 AIR TEMP. DRY 18.8, WET , CLOUD. TYPE CI, AMT 04, WEATHER BC

0	21.16	33.719	5.03	0	21.16	33.719	5.03	23.49	440	439	0.0000
10	21.33	33.711	5.43	10	21.33	33.711	5.43	23.44	445	445	0.0442
20	21.31	33.707	4.84	20	21.31	33.707	4.84	23.44	444	445	0.0887
30	21.23	33.744	4.84	30	21.23	33.744	4.84	23.49	440	440	0.1330
50	19.49	33.758	5.14	50	19.49	33.758	5.14	23.96	395	396	0.2168
75	16.50	34.080	5.13	75	16.50	34.080	5.13	24.94	302	304	0.3043
98	15.81	34.187	5.43	100	15.08	34.185	5.42	25.34	264	266	0.3756
130	4.13	34.170	5.33	125	5.95	34.172	5.34	26.92	113	115	0.4234
154	2.67	34.130	5.43	150	2.91	34.136	5.41	27.22	085	086	0.4485
200	0.58	33.969	5.63	200	0.58	33.969	5.63	27.26	081	081	0.4905
246	0.56	33.970	5.53	250	0.55	33.970	5.53	27.26	081	081	0.5312
287	0.53	33.972	5.53	300	0.50	33.988	5.51	27.28	080	079	0.5715
378	0.35	34.089	5.43	400	0.35	34.083	5.43	27.36	071	071	0.6470
470	0.35	34.068	5.43								

GANGWON 867 , STATION 104-07 , 37-03.4. N. 130-00.0. E. OCT.24.1987, 15:55 KST,
 DEPTH 1050 , COLOR 3, TRANS. 13.5, WAVE NE 1, SWELL NE 1, WIND NE 1 , BARO 1018. ,
 AIR TEMP. DRY 18.5, WET , CLOUD. TYPE CI, AMT 04, WEATHER BC

0	21.48	33.600	4.64	0	21.48	33.600	4.64	23.32	457	456	0.0000
10	21.78	33.711	5.04	10	21.78	33.711	5.04	23.32	456	456	0.0456
20	21.71	33.846	4.64	20	21.71	33.846	4.64	23.44	445	445	0.0908
30	21.71	33.844	4.64	30	21.71	33.844	4.64	23.44	445	446	0.1354
50	21.68	33.836	4.74	50	21.68	33.836	4.74	23.44	445	446	0.2246

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
75	15.40	33.834	4.44	75	15.40	33.834	4.44	25.00	296	298	0.3177
96	15.22	33.970	4.73	100	14.43	34.032	4.79	25.36	261	264	0.3880
121	10.30	34.359	5.13	125	9.29	34.339	5.14	26.57	147	149	0.4398
146	4.01	34.234	5.23	150	3.79	34.214	5.23	27.20	087	088	0.4695
195	1.34	33.994	5.23	200	1.28	33.995	5.21	27.24	084	084	0.5127
244	0.80	34.011	5.13	250	0.76	34.011	5.18	27.28	079	079	0.5536
288	0.53	34.017	5.53	300	0.51	34.024	5.55	27.31	077	077	0.5928
379	0.40	34.072	5.72	400	0.39	34.067	5.65	27.35	073	072	0.6677
471	0.36	34.052	5.43								

GANGWON 867 , STATION 104-08 , 37-03.4, N, 130-18.7, E, OCT. 24, 1987, 17:35 KST,
 DEPTH 720 , COLOR , TRANS. , WAVE NE 1, SWELL NE 1, WIND NE 1, BARO 1018. ,
 AIR TEMP. DRY 18.5, WET , CLOUD, TYPE CI, AMT 06, WEATHER BC

0	20.64	33.202	4.74	0	20.64	33.202	4.74	23.24	464	464	0.0000
10	20.66	33.193	4.94	10	20.66	33.193	4.94	23.23	465	465	0.0464
20	20.70	33.213	4.64	20	20.70	33.213	4.64	23.23	465	465	0.0930
30	20.67	33.198	4.64	30	20.67	33.198	4.64	23.23	465	465	0.1395
50	20.38	33.167	4.44	50	20.38	33.167	4.44	23.28	460	461	0.2323
75	16.62	33.843	4.44	75	16.62	33.843	4.44	24.73	322	323	0.3305
99	15.46	34.149	4.34	100	15.35	34.160	4.35	25.26	271	274	0.4052
124	12.90	34.441	4.74	125	12.72	34.434	4.75	26.02	199	201	0.4647
149	8.54	34.283	5.03	150	8.40	34.279	5.04	26.66	138	140	0.5076
197	1.96	34.101	5.53	200	1.90	34.100	5.52	27.28	080	080	0.5630
246	1.07	34.100	5.43	250	1.04	34.091	5.44	27.33	075	075	0.6020
296	0.77	33.993	5.63	300	0.75	33.994	5.62	27.27	081	080	0.6411
392	0.47	34.018	5.53	400	0.46	34.021	5.51	27.31	077	076	0.7199
489	0.40	34.066	5.33								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GANGWON 867 , STATION 104-09 , 37-03.4. N, 130-37.6. E, OCT. 24, 1987, 19:05 KST,
 DEPTH 2340 , COLOR , TRANS. , WAVE NE 1, SWELL NE 1, WIND NE 1 , BARO 1018. ,
 AIR TEMP. DRY 18.3, WET , CLOUD, TYPE CU, AMT 10, WEATHER C

0	20.61	33.180	4.74	0	20.61	33.180	4.74	23.23	465	464	0.0000
10	20.53	33.171	5.03	10	20.53	33.171	5.03	23.25	463	463	0.0464
20	20.53	33.162	4.74	20	20.53	33.162	4.74	23.24	464	464	0.0928
30	20.49	33.151	4.64	30	20.49	33.151	4.64	23.24	464	464	0.1393
50	20.33	33.131	4.94	50	20.33	33.131	4.94	23.27	461	462	0.2320
75	17.89	33.555	4.74	75	17.89	33.555	4.74	24.21	371	373	0.3366
99	16.52	33.893	4.44	100	16.38	33.906	4.44	24.83	312	314	0.4227
124	13.04	34.224	4.54	125	12.86	34.216	4.55	25.83	217	220	0.4896
149	8.67	34.029	5.03	150	8.55	34.028	5.03	26.44	159	161	0.5374
198	3.13	33.980	5.43	200	3.07	33.980	5.42	27.08	098	099	0.6028
249	1.70	33.995	5.42	250	1.68	33.995	5.42	27.21	086	087	0.6495
300	0.80	34.024	5.43	300	0.80	34.024	5.43	27.29	078	078	0.6910
390	0.44	34.014	5.63	400	0.43	34.017	5.59	27.31	077	077	0.7689
482	0.39	34.043	5.33								

GANGWON 867 , STATION 104-10 , 37-03.4. N, 130-56.4. E, OCT. 24, 1987, 20:40 KST,
 DEPTH 1800 , COLOR , TRANS. , WAVE NE 1, SWELL NE 1, WIND NE 1 , BARO 1018. ,
 AIR TEMP. DRY 18.2, WET , CLOUD, TYPE CI, AMT 06, WEATHER BC

0	20.47	33.148	4.84	0	20.47	33.148	4.84	23.24	463	463	0.0000
10	20.45	33.142	5.04	10	20.45	33.142	5.04	23.24	463	463	0.0463
20	20.41	33.138	4.74	20	20.41	33.138	4.74	23.25	463	463	0.0927
30	20.37	33.136	4.64	30	20.37	33.136	4.64	23.26	462	462	0.1390
50	20.21	33.122	4.64	50	20.21	33.122	4.64	23.29	459	460	0.2313

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
75	16.77	33.873	4.44	75	16.77	33.873	4.44	24.72	323	325	0.3295
100	15.38	34.088	4.24	100	15.38	34.088	4.24	25.20	277	279	0.4052
123	12.93	34.438	4.84	125	12.60	34.422	4.86	26.04	197	200	0.4652
147	8.99	34.255	5.13	150	8.74	34.242	5.13	26.58	146	148	0.5089
195	5.14	34.056	5.13	200	4.71	34.049	5.16	26.97	109	110	0.5738
245	0.88	33.989	5.43	250	0.87	33.989	5.47	27.26	082	081	0.6220
292	0.81	33.993	5.82	300	0.79	33.994	5.79	27.27	081	081	0.6628
386	0.67	34.009	5.53	400	0.63	34.012	5.50	27.29	078	078	0.7427
481	0.46	34.036	5.33								

GANGWON 867 , STATION 104-11 , 37-03.4. N, 131-15.3. E, OCT. 24, 1987, 22:10 KST,
 DEPTH 2325 , COLOR , TRANS. , WAVE NE 1, SWELL NE 1, WIND NE 1, BARO 1018. ,
 AIR TEMP. DRY 18.0, WET , CLOUD, TYPE CI, AMT 05, WEATHER BC

0	20.40	33.148	4.54	0	20.40	33.148	4.54	23.26	462	461	0.0000
10	20.34	33.167	4.74	10	20.34	33.167	4.74	23.29	459	459	0.0460
20	20.33	33.176	4.74	20	20.33	33.176	4.74	23.30	458	458	0.0919
30	20.25	33.205	4.54	30	20.25	33.205	4.54	23.35	454	454	0.1376
50	20.22	33.217	4.54	50	20.22	33.217	4.54	23.36	452	453	0.2284
75	16.77	33.890	4.64	75	16.77	33.890	4.64	24.73	322	323	0.3257
100	14.93	34.062	4.44	100	14.93	34.062	4.44	25.28	269	272	0.4002
125	12.41	34.436	4.74	125	12.41	34.436	4.74	26.09	193	195	0.4587
151	8.57	34.281	5.43	150	8.71	34.286	5.40	26.62	142	145	0.5014
196	4.91	34.038	5.42	200	4.62	34.036	5.43	26.97	109	110	0.5653
241	1.68	34.024	5.63	250	1.54	34.024	5.64	27.24	083	083	0.6140
292	0.91	34.027	5.72	300	0.88	34.025	5.72	27.29	079	079	0.6549
390	0.59	34.011	5.72	400	0.56	34.011	5.69	27.29	078	078	0.7337
488	0.38	34.013	5.43								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

12月(December)

GYUNGBUG 853 , STATION 104-04 , 37-03.4. N, 129-28.8. E, DEC. 15. 1987, 10:05 KST,
 DEPTH 110 , COLOR 4, TRANS. 11.5, WAVE NW 1, SWELL NW 1, WIND NW 1 , BARO 1025. ,
 AIR TEMP. DRY 9.5, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	13.38	33.627	5.20	0	13.38	33.627	5.20	25.27	270	270	0.0000
10	13.40	33.629	5.31	10	13.40	33.629	5.31	25.27	271	271	0.0270
20	13.35	33.626	5.20	20	13.35	33.626	5.20	25.27	270	270	0.0541
30	13.30	33.626	4.80	30	13.30	33.626	4.80	25.28	269	269	0.0811
50	12.87	33.714	5.00	50	12.87	33.714	5.00	25.44	254	255	0.1337
75	9.89	33.889	5.20	75	9.89	33.889	5.20	26.12	190	191	0.1896
100	6.78	33.910	5.41	100	6.78	33.910	5.41	26.61	143	144	0.2316

GYUNGBUG 853 , STATION 104-05 , 37-03.4. N, 129-33.6. E, DEC. 15. 1987, 10:55 KST,
 DEPTH 220 , COLOR 4, TRANS. 12.0, WAVE NW 1, SWELL NW 1, WIND NW 1 , BARO 1025. ,
 AIR TEMP. DRY 10.5, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	13.93	33.904	5.10	0	13.93	33.904	5.10	25.37	261	261	0.0000
10	13.57	33.893	5.20	10	13.57	33.893	5.20	25.44	255	255	0.0258
20	13.39	33.892	5.10	20	13.39	33.892	5.10	25.47	251	251	0.0511
30	13.37	33.892	4.90	30	13.37	33.892	4.90	25.48	251	251	0.0763
50	13.29	33.892	4.69	50	13.29	33.892	4.69	25.49	249	250	0.1265
75	12.09	33.900	4.49	75	12.09	33.900	4.49	25.73	226	228	0.1864
100	8.06	34.109	4.59	100	8.06	34.109	4.59	26.58	146	147	0.2334
125	4.54	34.352	4.90	125	4.54	34.352	4.90	27.23	084	085	0.2625
150	2.49	34.094	5.10	150	2.49	34.094	5.10	27.22	085	085	0.2839
200	1.46	34.033	5.51	200	1.46	34.033	5.51	27.25	082	082	0.3260

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 104--06 , 37--03.4. N, 129--47.6. E, DEC. 13, 1987, 12:07 KST,
 DEPTH 600 , COLOR 4, TRANS. 13.5, WAVE NW 4, SWELL NW 2, WIND NW 4 , BARO 1023. ,
 AIR TEMP. DRY 5.5, WET , CLOUD. TYPE SC, AMT 08, WEATHER C

0	16.12	34.011	4.80	0	16.12	34.011	4.80	24.97	298	298	0.0000
10	16.13	34.011	5.00	10	16.13	34.011	5.00	24.97	299	299	0.0298
20	16.13	34.011	5.10	20	16.13	34.011	5.10	24.97	299	299	0.0598
30	16.13	34.010	4.90	30	16.13	34.010	4.90	24.97	299	299	0.0897
50	16.02	33.989	4.49	50	16.02	33.989	4.49	24.98	298	299	0.1496
75	16.10	34.280	4.80	75	16.10	34.280	4.80	25.19	278	280	0.2222
100	11.26	34.350	4.59	100	11.26	34.350	4.59	26.24	178	180	0.2799
125	5.55	34.084	4.59	125	5.55	34.084	4.59	26.90	115	117	0.3171
150	3.46	34.018	5.00	150	3.46	34.018	5.00	27.08	099	100	0.3442
200	1.11	34.016	5.20	200	1.11	34.016	5.20	27.26	081	081	0.3896
250	0.93	34.017	5.20	250	0.93	34.017	5.20	27.28	080	080	0.4300
300	0.64	34.027	5.41	300	0.64	34.027	5.41	27.30	077	077	0.4695
400	0.48	34.032	5.31	400	0.48	34.032	5.31	27.32	076	076	0.5464
500	0.41	34.034	5.31	500	0.41	34.034	5.31	27.32	076	075	0.6222

GYUNGBUG 853 , STATION 104--07 , 37--03.4. N, 130--00.0. E, DEC. 12, 1987, 10:28 KST,
 DEPTH 1050 , COLOR 4, TRANS. 14.0, WAVE NW 4, SWELL NW 2, WIND NW 4 , BARO 1024. ,
 AIR TEMP. DRY 5.8, WET , CLOUD. TYPE SC, AMT 08, WEATHER C

0	16.24	33.891	4.78	0	16.24	33.891	4.78	24.86	310	309	0.0000
10	16.27	33.888	5.10	10	16.27	33.888	5.10	24.85	311	311	0.0310
20	16.26	33.886	4.90	20	16.26	33.886	4.90	24.85	311	311	0.0621
30	16.27	33.887	4.90	30	16.27	33.887	4.90	24.85	311	311	0.0933
50	16.27	33.886	4.59	50	16.27	33.886	4.59	24.84	311	312	0.1557

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
75	15.12	34.144	4.49	75	15.12	34.144	4.49	25.30	267	269	0.2285
100	14.63	34.474	4.80	100	14.63	34.474	4.80	25.66	233	236	0.2917
125	9.38	34.229	5.00	125	9.38	34.229	5.00	26.47	156	159	0.3411
150	6.51	34.124	5.10	150	6.51	34.124	5.10	26.81	124	126	0.3767
200	3.14	34.040	5.10	200	3.14	34.040	5.10	27.12	094	095	0.4322
250	1.21	34.016	5.41	250	1.21	34.016	5.41	27.26	082	082	0.4767
300	0.76	34.024	5.41	300	0.76	34.024	5.41	27.29	078	078	0.5169
400	0.49	34.031	5.41	400	0.49	34.031	5.41	27.31	076	076	0.5944
500	0.40	34.032	5.31	500	0.40	34.032	5.31	27.32	076	075	0.6704

GYUNGBUG 853 , STATION 104-08 , 37-03.4, N, 130-18.7, E, DEC.13, 1987, 08:12 KST,
 DEPTH 720 , COLOR 4, TRANS. 14.0, WAVE NW 4, SWELL NW 2, WIND NW 4 , BARO 1022. ,
 AIR TEMP. DRY 4.6, WET , CLOUD, TYPE SC, AMT 08, WEATHER C

0	15.53	34.013	5.00	0	15.53	34.013	5.00	25.11	286	285	0.0000
10	15.57	34.011	5.00	10	15.57	34.011	5.00	25.10	287	287	0.0286
20	15.57	34.009	4.90	20	15.57	34.009	4.90	25.10	287	287	0.0573
30	15.58	34.009	4.80	30	15.58	34.009	4.80	25.09	287	287	0.0861
50	15.46	33.983	4.59	50	15.46	33.983	4.59	25.10	286	287	0.1437
75	15.32	33.952	4.18	75	15.32	33.952	4.18	25.11	286	287	0.2157
100	13.95	33.850	4.18	100	13.95	33.850	4.18	25.32	265	267	0.2851
125	13.73	33.933	4.69	125	13.73	33.933	4.69	25.43	255	258	0.3509
150	12.49	34.352	4.80	150	12.49	34.352	4.80	26.01	200	204	0.4087
200	6.96	34.128	5.00	200	6.96	34.128	5.00	26.75	129	132	0.4929
250	3.41	34.027	5.20	250	3.41	34.027	5.20	27.09	098	099	0.5509
300	1.33	34.020	5.20	300	1.33	34.020	5.20	27.25	082	082	0.5965
400	0.64	34.029	5.41	400	0.64	34.029	5.41	27.30	077	077	0.6767
500	0.47	34.025	5.51	500	0.47	34.025	5.51	27.31	077	076	0.7537

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 104-09 , 37-03.4. N, 130-37.6. E, DEC.13.1987, 06:10 KST,
 DEPTH 2340 , COLOR , TRANS. , WAVE NW 4, SWELL NW 2, WIND NW 4 , BARO 1021.5,
 AIR TEMP. DRY 4.0, WET , CLOUD. TYPE SC, AMT 05, WEATHER BC

0	15.40	33.946	4.90	0	15.40	33.946	4.90	25.09	288	287	0.0000
10	15.43	33.940	5.10	10	15.43	33.940	5.10	25.08	289	289	0.0288
20	15.42	33.941	4.90	20	15.42	33.941	4.90	25.08	289	289	0.0577
30	15.42	33.939	4.80	30	15.42	33.939	4.80	25.08	289	289	0.0867
50	15.44	33.940	4.69	50	15.44	33.940	4.69	25.07	289	290	0.1447
75	15.43	33.940	4.29	75	15.43	33.940	4.29	25.08	289	291	0.2174
100	15.44	33.942	4.08	100	15.44	33.942	4.08	25.07	289	291	0.2903
125	15.13	34.211	4.59	125	15.13	34.211	4.59	25.35	263	266	0.3601
150	12.68	34.381	4.80	150	12.68	34.381	4.80	25.99	202	205	0.4191
200	7.22	34.140	5.10	200	7.22	34.140	5.10	26.73	132	135	0.5043
250	2.95	33.998	5.41	250	2.95	33.998	5.41	27.11	096	097	0.5625
300	1.38	34.019	5.61	300	1.38	34.019	5.61	27.25	082	083	0.6076
400	0.66	34.028	5.71	400	0.66	34.028	5.71	27.30	077	077	0.6881
500	0.47	34.032	5.71	500	0.47	34.032	5.71	27.32	076	076	0.7650

GYUNGBUG 853 , STATION 104-10 , 37-03.4. N, 130-56.4. E, DEC.13.1987, 04:02 KST,
 DEPTH 1800 , COLOR , TRANS. , WAVE NW 4, SWELL NW 1, WIND NW 4 , BARO 1022. ,
 AIR TEMP. DRY 3.8, WET , CLOUD. TYPE CI, AMT 04, WEATHER BC

0	14.03	33.944	5.00	0	14.03	33.944	5.00	25.38	260	260	0.0000
10	14.07	33.954	5.00	10	14.07	33.954	5.00	25.38	260	260	0.0260
20	14.08	33.955	5.20	20	14.08	33.955	5.20	25.38	260	260	0.0520
30	14.09	33.959	5.10	30	14.09	33.959	5.10	25.38	260	260	0.0781
50	14.09	33.961	4.90	50	14.09	33.961	4.90	25.38	260	261	0.1303

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
75	14.08	33.983	4.59	75	14.08	33.983	4.59	25.40	258	260	0.1955
100	14.08	34.016	4.39	100	14.08	34.016	4.39	25.42	256	258	0.2603
125	10.08	34.238	4.59	125	10.08	34.238	4.59	26.36	167	169	0.3138
150	7.05	34.121	4.80	150	7.05	34.121	4.80	26.74	131	133	0.3517
200	2.95	34.017	5.00	200	2.95	34.017	5.00	27.12	094	095	0.4091
250	1.38	34.017	5.31	250	1.38	34.017	5.31	27.25	083	083	0.4538
300	0.84	34.025	5.71	300	0.84	34.025	5.71	27.29	079	079	0.4944
400	0.55	34.031	5.71	400	0.55	34.031	5.71	27.31	077	076	0.5723
500	0.41	34.033	5.51	500	0.41	34.033	5.51	27.32	076	075	0.6485

GYUNGRUG 853 , STATION 104-11 , 37-03.4. N, 131-15.3. E, DEC. 13. 1987, 02:01 KST,
 DEPTH 2325 , COLOR , TRANS. , WAVE NW 3, SWELL NW 1, WIND NW 3 , BARO 1022. ,
 AIR TEMP. DRY 4.2, WET , CLOUD, TYPE CI, AMT 04, WEATHER BC

0	13.96	33.884	5.00	0	13.96	33.884	5.00	25.35	263	263	0.0000
10	14.00	33.884	5.10	10	14.00	33.884	5.10	25.34	264	264	0.0263
20	14.01	33.885	4.90	20	14.01	33.885	4.90	25.34	264	264	0.0527
30	14.01	33.885	5.20	30	14.01	33.885	5.20	25.34	264	264	0.0792
50	13.83	33.864	4.90	50	13.83	33.864	4.90	25.36	262	263	0.1320
75	13.19	33.880	5.00	75	13.19	33.880	5.00	25.50	248	250	0.1962
100	7.66	34.165	5.31	100	7.66	34.165	5.31	26.68	136	137	0.2447
125	4.34	34.003	5.41	125	4.34	34.003	5.41	26.98	108	109	0.2756
150	2.68	33.999	5.31	150	2.68	33.999	5.31	27.13	093	094	0.3012
200	1.44	34.005	5.31	200	1.44	34.005	5.31	27.23	084	084	0.3459
250	0.88	34.022	5.51	250	0.88	34.022	5.51	27.28	079	079	0.3869
300	0.71	34.026	5.82	300	0.71	34.026	5.82	27.30	078	078	0.4263
400	0.47	34.032	5.61	400	0.47	34.032	5.61	27.32	076	076	0.5035
500	0.38	34.033	5.51	500	0.38	34.033	5.51	27.32	075	075	0.5792

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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

2 月(February)

GYUNGBUC 853 , STATION 103-04 , 36-30.3, N, 129-30.1, E, FEB. 17. 1987, 12:30 KST,
 DEPTH 110 , COLOR 3, TRANS. 10.0, WAVE NW 2, SWELL NW 1, WIND NW 5 , BARO 1025. ,
 AIR TEMP. DRY 12.8, WET , CLOUD. TYPE NS, AMT 10, WEATHER R

0	11.23	34.454	6.25	0	11.23	34.454	6.25	26.32	170	170	0.0000
10	11.83	34.425	6.19	10	11.83	34.425	6.19	26.19	183	183	0.0176
20	11.82	34.463	5.94	20	11.82	34.463	5.94	26.22	180	180	0.0358
30	11.56	34.448	5.94	30	11.56	34.448	5.94	26.26	176	177	0.0537
50	11.41	34.333	5.93	50	11.41	34.333	5.93	26.20	182	183	0.0898
75	8.77	34.211	5.94	75	8.77	34.211	5.94	26.55	148	150	0.1315
100	3.81	34.093	5.88	100	3.81	34.093	5.88	27.10	096	097	0.1625

GYUNGBUC 853 , STATION 103-05 , 36-30.3, N, 129-35.4, E, FEB. 17. 1987, 11:40 KST,
 DEPTH 205 , COLOR 3, TRANS. 14.0, WAVE NW 2, SWELL NW 1, WIND NW 5 , BARO 1025. ,
 AIR TEMP. DRY 10.5, WET , CLOUD. TYPE NS, AMT 10, WEATHER R

0	10.81	34.282	6.30	0	10.81	34.282	6.30	26.27	176	175	0.0000
10	10.96	34.368	6.24	10	10.96	34.368	6.24	26.31	172	172	0.0174
20	10.96	34.365	6.14	20	10.96	34.365	6.14	26.30	172	172	0.0346
30	10.96	34.391	6.19	30	10.96	34.391	6.19	26.32	170	171	0.0518
50	10.91	34.374	6.14	50	10.91	34.374	6.14	26.32	171	171	0.0861
75	10.70	34.347	6.04	75	10.70	34.347	6.04	26.34	169	170	0.1290
97	9.74	34.226	6.14	100	9.09	34.218	6.11	26.51	153	154	0.1697
121	4.54	34.162	5.94	125	4.34	34.143	5.91	27.09	098	099	0.2014
144	3.44	34.058	5.79	150	3.21	34.056	5.77	27.13	094	094	0.2257
192	1.63	34.047	5.64								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 103-06 , 36-30.3. N, 129-47.3. E, FEB.17.1987, 10:20 KST,
 DEPTH 235 , COLOR 3, TRANS. 14.0, WAVE SE 3, SWELL SE 2, WIND SE 5 , BARO 1026. ,
 AIR TEMP. DRY 10.5, WET , CLOUD, TYPE NS, AMT 10, WEATHER R

0	11.06	34.463	6.06	0	11.06	34.463	6.06	26.36	167	166	0.0000
10	11.86	34.448	6.25	10	11.86	34.448	6.25	26.20	182	182	0.0174
20	11.20	34.420	6.19	20	11.20	34.420	6.19	26.30	172	172	0.0352
30	10.64	34.369	6.19	30	10.64	34.369	6.19	26.36	166	167	0.0522
50	10.54	34.369	6.19	50	10.54	34.369	6.19	26.38	165	166	0.0855
75	10.14	34.296	6.09	75	10.14	34.296	6.09	26.59	164	165	0.1269
97	9.26	34.251	5.94	100	8.75	34.227	5.92	26.57	147	149	0.1662
122	5.09	34.052	5.85	125	4.84	34.049	5.84	26.96	110	111	0.1988
146	3.09	34.028	5.84	150	3.01	34.036	5.82	27.13	093	094	0.2246
192	2.18	34.129	5.68	200	2.03	34.110	5.65	27.27	080	081	0.2685
230	1.47	34.041	5.54								

GYUNGBUG 853 , STATION 103-07 , 36-30.3. N, 130-00.0. E, FEB.17.1987, 08:50 KST,
 DEPTH 850 , COLOR 2, TRANS. 17.0, WAVE SE 3, SWELL SE 2, WIND SE 6 , BARO 1026. ,
 AIR TEMP. DRY 8.2, WET , CLOUD, TYPE NS, AMT 10, WEATHER C

0	11.33	34.245	6.24	0	11.33	34.245	6.24	26.14	187	187	0.0000
10	11.37	34.354	6.13	10	11.37	34.354	6.13	26.22	180	180	0.0184
20	11.36	34.411	5.93	20	11.36	34.411	5.93	26.27	176	176	0.0362
30	11.36	34.427	5.84	30	11.36	34.427	5.84	26.28	174	175	0.0538
50	11.35	34.414	5.84	50	11.35	34.414	5.84	26.27	175	176	0.0890
75	11.30	34.444	5.78	75	11.30	34.444	5.78	26.30	172	174	0.1328
100	9.11	34.333	5.68	100	9.11	34.333	5.68	26.59	145	146	0.1729
123	7.41	34.138	5.84	125	7.11	34.132	5.83	26.74	131	133	0.2079
147	3.86	34.069	5.73	150	3.72	34.069	5.71	27.09	097	098	0.2369

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

195	1.68	34.072	5.53	200	1.63	34.073	5.52	27.27	080	080	0.2817
243	1.28	34.089	5.48	250	1.22	34.090	5.47	27.32	076	076	0.3211
291	0.87	34.097	5.42	300	0.84	34.098	5.42	27.35	073	073	0.3587
389	0.57	34.108	5.52	400	0.54	34.107	5.51	27.37	071	070	0.4309
487	0.39	34.101	5.49								

GYUNGBUG 853 , STATION 103-08 , 36-30.3. N, 130-18.6. E, FEB.17.1987, 07:00 KST,
 DEPTH 198 , COLOR 3, TRANS. 16.0, WAVE SE 3, SWELL SE 2, WIND SE 5 , BARO 1026. ,
 AIR TEMP. DRY 8.0, WET , CLOUD. TYPE NS, AMT 10, WEATHER C

0	11.21	34.370	6.25	0	11.21	34.370	6.25	26.26	176	176	0.0000
10	11.36	34.308	6.14	10	11.36	34.308	6.14	26.19	183	183	0.0179
20	11.36	34.377	6.19	20	11.36	34.377	6.19	26.24	178	178	0.0361
30	11.33	34.383	6.14	30	11.33	34.383	6.14	26.25	177	178	0.0539
50	11.33	34.367	6.14	50	11.33	34.367	6.14	26.24	178	179	0.0897
75	11.23	34.590	6.09	75	11.23	34.590	6.09	26.43	160	162	0.1324
100	10.23	34.324	5.93	100	10.23	34.324	5.93	26.40	163	165	0.1733
121	7.41	34.209	5.83	125	6.99	34.193	5.81	26.80	125	126	0.2099
145	4.89	34.115	5.73	150	4.54	34.113	5.71	27.04	102	103	0.2387
192	1.62	34.104	5.62								

GYUNGBUG 853 , STATION 103-09 , 36-30.3. N, 130-37.3. E, FEB.17.1987, 04:55 KST,
 DEPTH 2150 , COLOR , TRANS. , WAVE SE 3, SWELL SE 2, WIND SE 5 , BARO 1027. ,
 AIR TEMP. DRY 7.5, WET , CLOUD. TYPE , AMT 10, WEATHER C

0	12.94	34.551	5.84	0	12.94	34.551	5.84	26.07	194	194	0.0000
10	12.93	34.617	5.94	10	12.93	34.617	5.94	26.12	189	189	0.0191
20	12.72	34.486	6.09	20	12.72	34.486	6.09	26.06	195	195	0.0384

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
30	12.05	34.453	6.19	30	12.05	34.453	6.19	26.17	185	185	0.0575
50	11.29	34.373	6.19	50	11.29	34.373	6.19	26.25	177	178	0.0939
75	10.91	34.346	6.25	75	10.91	34.346	6.25	26.30	173	174	0.1380
98	9.03	34.323	6.14	100	9.02	34.315	6.13	26.59	144	146	0.1782
121	8.92	34.233	6.11	125	8.70	34.225	6.07	26.57	146	148	0.2151
144	7.68	34.190	5.89	150	7.35	34.172	5.87	26.73	131	133	0.2505
192	5.06	34.052	5.73	200	4.56	34.056	5.74	26.99	107	108	0.3111
239	2.17	34.079	5.84	250	1.97	34.074	5.84	27.25	082	083	0.3592
289	1.30	34.060	5.84	300	1.26	34.056	5.82	27.29	079	079	0.3999
388	0.95	34.025	5.68	400	0.92	34.030	5.68	27.29	079	079	0.4794
487	0.75	34.068	5.68								

GYUNGBUG 853 , STATION 103-10 , 36-30.3, N, 130-55.6, E, FEB. 17, 1987, 02:55 KST,
 DEPTH 1800 , COLOR , TRANS. , WAVE NW 3, SWELL NW 2, WIND NW 5 , BARO 1028. ,
 AIR TEMP. DRY 7.0, WET , CLOUD. TYPE , AMT 10, WEATHER C

0	11.38	34.279	5.75	0	11.38	34.279	5.75	26.16	186	185	0.0000
10	11.42	34.312	6.12	10	11.42	34.312	6.12	26.18	184	184	0.0185
20	11.37	34.302	6.00	20	11.37	34.302	6.00	26.18	184	184	0.0369
30	11.34	34.303	6.01	30	11.34	34.303	6.01	26.19	183	184	0.0553
50	11.33	34.316	6.15	50	11.33	34.316	6.15	26.20	182	183	0.0921
75	11.33	34.313	6.04	75	11.33	34.313	6.04	26.20	182	184	0.1381
100	11.33	34.284	6.04	100	11.33	34.284	6.04	26.17	184	186	0.1845
123	11.33	34.293	6.14	125	11.30	34.278	6.14	26.17	184	187	0.2313
144	11.02	34.139	6.19	150	10.79	34.130	6.17	26.15	187	190	0.2785
192	9.18	34.070	6.07	200	8.45	34.076	6.05	26.50	154	157	0.3654
240	4.84	34.109	5.99	250	4.31	34.111	5.96	27.06	100	102	0.4304
287	2.36	34.122	5.85	300	2.21	34.120	5.83	27.27	081	082	0.4765
386	1.29	34.109	5.75	400	1.22	34.109	5.73	27.33	075	075	0.5554
485	0.82	34.110	5.63								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
GYUNGBUG 853 , STATION 103-11 , 36-30.3. N, 131-14.0. E, FEB. 17. 1987, 00:50 KST, DEPTH 2100 , COLOR , TRANS. , WAVE NW 3, SWELL NW 2, WIND NW 5 , BARO 1028. , AIR TEMP. DRY 7.5, WET , CLOUD. TYPE , AMT 10, WEATHER C											
0	11.52	34.282	6.04	0	11.52	34.282	6.04	26.14	188	188	0.0000
10	11.58	34.261	6.11	10	11.58	34.261	6.11	26.11	191	191	0.0189
20	11.47	34.304	6.16	20	11.47	34.304	6.16	26.16	185	186	0.0378
30	11.47	34.327	5.94	30	11.47	34.327	5.94	26.18	184	184	0.0563
50	11.47	34.288	5.99	50	11.47	34.288	5.99	26.15	187	187	0.0936
75	11.47	34.293	5.75	75	11.47	34.293	5.75	26.15	186	188	0.1406
98	11.46	34.302	5.80	100	11.45	34.300	5.80	26.16	186	188	0.1876
121	11.43	34.281	5.82	125	11.42	34.279	5.79	26.15	186	189	0.2348
144	11.40	34.274	5.67	150	11.39	34.274	5.67	26.15	186	189	0.2822
192	11.36	34.277	5.74	200	11.16	34.268	5.76	26.19	183	187	0.3766
239	10.20	34.225	5.86	250	8.99	34.192	5.83	26.50	153	158	0.4630
289	4.73	34.076	5.74	300	4.44	34.081	5.72	27.03	103	106	0.5292
387	2.16	34.129	5.63	400	2.07	34.127	5.61	27.28	079	080	0.6228
485	1.51	34.116	5.55								

4月(April)

GYUNGBUG 853 , STATION 103-04 , 36-30.3. N, 129-30.1. E, APR. 8. 1987, 12:45 KST, DEPTH 110 , COLOR 3, TRANS. 12.0, WAVE SE 2, SWELL SE 1, WIND SE 4 , BARO 1019. , AIR TEMP. DRY 16.9, WET , CLOUD. TYPE CC, AMT 04, WEATHER BC											
0	13.59	34.471	6.07	0	13.59	34.471	6.07	25.88	213	212	0.0000
10	12.29	34.499	6.01	10	12.29	34.499	6.01	26.16	186	186	0.0199
20	10.70	34.388	5.98	20	10.70	34.388	5.98	26.37	166	166	0.0375
30	9.98	34.364	5.85	30	9.98	34.364	5.85	26.47	156	156	0.0537
50	8.11	34.304	5.63	50	8.11	34.304	5.63	26.73	132	132	0.0827
75	4.45	34.207	5.44	75	4.45	34.207	5.44	27.13	094	095	0.1112
98	2.98	34.172	5.33								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 103-05 , 36-30.3. N, 129-35.4. E, APR. 8. 1987, 13:35 KST,
 DEPTH 205 , COLOR 3, TRANS. 12.0, WAVE SE 2, SWELL SE 1, WIND SE 5 , BARO 1018.5,
 AIR TEMP. DRY 15.9, WET , CLOUD. TYPE CC, AMT 07, WEATHER BC

0	12.40	34.422	6.08	0	12.40	34.422	6.08	26.08	194	193	0.0000
10	12.18	34.499	5.96	10	12.18	34.499	5.96	26.18	184	184	0.0189
20	11.77	34.428	6.13	20	11.77	34.428	6.13	26.20	182	182	0.0372
30	11.72	34.426	5.89	30	11.72	34.426	5.89	26.21	181	181	0.0554
50	8.94	34.336	5.77	50	8.94	34.336	5.77	26.62	142	142	0.0879
75	6.27	34.306	5.59	75	6.27	34.306	5.59	26.99	107	108	0.1193
98	4.24	34.308	5.67	100	4.11	34.303	5.66	27.24	083	084	0.1434
122	2.72	34.257	5.58	125	2.63	34.252	5.56	27.34	074	074	0.1634
145	2.07	34.223	5.46	150	1.94	34.216	5.43	27.37	071	072	0.1817
193	0.90	34.165	5.22								

GYUNGBUG 853 , STATION 103-06 , 36-30.3. N, 129-47.3. E, APR. 8. 1987, 15:00 KST,
 DEPTH 235 , COLOR 3, TRANS. 10.0, WAVE SE 2, SWELL SE 1, WIND SE 5 , BARO 1018. ,
 AIR TEMP. DRY 15.5, WET , CLOUD. TYPE CC, AMT 07, WEATHER BC

0	13.93	34.499	6.07	0	13.93	34.499	6.07	25.83	217	217	0.0000
10	13.78	34.514	5.89	10	13.78	34.514	5.89	25.87	213	213	0.0215
20	13.51	34.514	5.97	20	13.51	34.514	5.97	25.93	208	208	0.0426
30	11.93	34.430	6.03	30	11.93	34.430	6.03	26.17	184	185	0.0623
50	11.70	34.491	5.90	50	11.70	34.491	5.90	26.26	176	177	0.0985
75	9.78	34.386	5.60	75	9.78	34.386	5.60	26.52	151	152	0.1398
100	7.62	34.402	5.51	100	7.62	34.402	5.51	26.88	118	119	0.1738
123	5.89	34.294	5.50	125	5.70	34.290	5.50	27.05	102	103	0.2017
146	3.78	34.257	5.50	150	3.65	34.250	5.50	27.24	083	084	0.2252
194	2.23	34.183	5.54	200	2.11	34.161	5.56	27.31	077	077	0.2658
232	1.52	34.048	5.67								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 103-07 , 36-30.3. N, 130-00.0. E, APR. 8, 1987, 16:25 KST,
 DEPTH 850 , COLOR 3, TRANS. 13.0, WAVE SE 2, SWELL SE 1, WIND SE 5 , BARO 1018. ,
 AIR TEMP. DRY 14.5, WET , CLOUD, TYPE 00, AMT 07, WEATHER BC

0	13.85	34.565	5.94	0	13.85	34.565	5.94	25.90	211	210	0.0000
10	13.89	34.570	6.29	10	13.89	34.570	6.29	25.89	211	211	0.0211
20	13.55	34.590	6.02	20	13.55	34.590	6.02	25.98	203	203	0.0419
30	13.25	34.590	6.16	30	13.25	34.590	6.16	26.04	197	198	0.0620
50	12.89	34.566	5.79	50	12.89	34.566	5.79	26.09	192	193	0.1011
75	12.19	34.436	5.84	75	12.19	34.436	5.84	26.13	189	190	0.1492
99	12.13	34.444	6.01	100	12.12	34.439	6.00	26.14	187	189	0.1967
124	12.09	34.338	5.81	125	12.08	34.337	5.81	26.07	194	197	0.2451
148	11.99	34.320	5.92	150	11.95	34.313	5.91	26.08	193	197	0.2944
198	11.12	34.165	5.78	200	11.02	34.164	5.77	26.14	188	192	0.3918
248	8.62	34.142	5.75	250	8.43	34.138	5.75	26.55	149	153	0.4783
296	4.10	34.055	5.78	300	4.01	34.055	5.77	27.05	101	103	0.5427
393	1.94	34.058	5.69	400	1.84	34.059	5.68	27.25	083	084	0.6367
488	0.70	34.079	5.67								

GYUNGBUG 853 , STATION 103-08 , 36-30.3. N, 130-18.6. E, APR. 8, 1987, 18:40 KST,
 DEPTH 198 , COLOR , TRANS. , WAVE SE 2, SWELL SE 1, WIND SE 5 , BARO 1018. ,
 AIR TEMP. DRY 13.5, WET , CLOUD, TYPE 01, AMT 02, WEATHER B

0	13.93	34.560	6.16	0	13.93	34.560	6.16	25.88	213	212	0.0000
10	13.90	34.555	6.41	10	13.90	34.555	6.41	25.88	212	212	0.0212
20	13.65	34.555	6.14	20	13.65	34.555	6.14	25.93	208	208	0.0423
30	13.62	34.548	6.26	30	13.62	34.548	6.26	25.93	207	208	0.0631
50	13.04	34.533	5.97	50	13.04	34.533	5.97	26.04	197	198	0.1039
75	12.49	34.438	6.14	75	12.49	34.438	6.14	26.07	194	196	0.1532
98	11.89	34.409	6.00	100	11.88	34.400	6.00	26.16	186	188	0.2013
123	11.78	34.306	6.12	125	11.76	34.304	6.10	26.11	191	193	0.2490
145	11.58	34.288	5.96	150	11.51	34.274	5.95	26.13	188	192	0.2972
193	10.99	34.162	5.90								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 103-09 , 36-30.3. N, 130-37.3. E, APR. 8. 1987, 20:45 KST,
 DEPTH 2150 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND S 2 , BARO 1018.5,
 AIR TEMP. DRY 12.8, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	13.26	34.567	6.13	0	13.26	34.567	6.13	26.02	199	199	0.0000
10	12.79	34.551	6.39	10	12.79	34.551	6.39	26.10	191	191	0.0195
20	12.10	34.500	6.42	20	12.10	34.500	6.42	26.20	182	182	0.0382
30	12.06	34.492	6.49	30	12.06	34.492	6.49	26.20	182	183	0.0565
50	11.89	34.499	6.21	50	11.89	34.499	6.21	26.24	179	179	0.0928
75	11.58	34.360	6.22	75	11.58	34.360	6.22	26.19	183	185	0.1385
99	11.54	34.288	6.10	100	11.52	34.286	6.10	26.14	188	190	0.1854
124	11.20	34.261	6.14	125	11.19	34.259	6.13	26.18	184	186	0.2326
148	11.01	34.226	5.99	150	10.97	34.223	5.99	26.19	183	186	0.2792
198	10.19	34.152	6.13	200	10.09	34.151	6.12	26.29	173	177	0.3703
248	7.74	34.129	5.98	250	7.56	34.127	5.96	26.67	137	141	0.4501
296	3.42	34.094	5.67	300	3.32	34.092	5.65	27.15	092	094	0.5091
393	1.21	34.064	5.26	400	1.17	34.064	5.26	27.30	078	078	0.5955
490	0.75	34.065	5.29								

GYUNGBUG 853 , STATION 103-10 , 36-30.3. N, 130-55.6. E, APR. 8. 1987, 22:55 KST,
 DEPTH 1800 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 2 , BARO 1018.5,
 AIR TEMP. DRY 12.1, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	11.85	34.371	6.40	0	11.85	34.371	6.40	26.14	187	187	0.0000
10	11.94	34.373	6.30	10	11.94	34.373	6.30	26.13	189	189	0.0188
20	11.71	34.379	6.50	20	11.71	34.379	6.50	26.18	184	184	0.0375
30	11.45	34.361	6.46	30	11.45	34.361	6.46	26.21	181	181	0.0558
50	10.95	34.381	6.24	50	10.95	34.381	6.24	26.32	171	172	0.0912

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
75	10.92	34.370	6.30	75	10.92	34.370	6.30	26.31	171	172	0.1343
99	10.87	34.278	6.20	100	10.86	34.277	6.19	26.25	177	179	0.1784
124	10.79	34.274	6.01	125	10.79	34.269	6.01	26.26	176	179	0.2232
148	10.87	34.163	6.20	150	10.85	34.163	6.18	26.16	185	188	0.2692
198	10.61	34.167	5.90	200	10.54	34.162	5.90	26.22	180	184	0.3626
248	9.01	34.052	6.10	250	8.85	34.051	6.08	26.41	162	166	0.4503
296	5.24	34.048	5.67	300	5.11	34.049	5.66	26.93	113	116	0.5210
393	2.12	34.096	5.64	400	2.02	34.093	5.62	27.26	081	083	0.6207
488	0.88	34.063	5.40								

GYUNGBUG 853 , STATION 103-11 , 36-30.3. N, 131-14.0. E, APR. 9. 1987, 01:00 KST,
 DEPTH 2100 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 2 , BARO 1017.5,
 AIR TEMP. DRY 12.0, WET , CLOUD, TYPE , AMT , WEATHER

0	11.68	34.378	6.61	0	11.68	34.378	6.61	26.18	184	183	0.0000
10	11.55	34.370	6.64	10	11.55	34.370	6.64	26.20	182	182	0.0183
20	11.40	34.365	6.67	20	11.40	34.365	6.67	26.22	180	180	0.0364
30	11.25	34.383	6.53	30	11.25	34.383	6.53	26.26	176	176	0.0543
50	10.87	34.371	6.31	50	10.87	34.371	6.31	26.32	170	171	0.0891
75	10.74	34.336	6.29	75	10.74	34.336	6.29	26.32	171	172	0.1321
99	10.71	34.238	6.35	100	10.71	34.238	6.34	26.25	177	179	0.1761
124	10.74	34.250	6.30	125	10.73	34.245	6.29	26.25	177	180	0.2210
148	10.69	34.148	6.26	150	10.69	34.147	6.25	26.18	184	187	0.2669
198	10.70	34.128	6.13	200	10.65	34.128	6.12	26.17	184	188	0.3609
248	9.53	34.134	6.02	250	9.30	34.133	6.02	26.41	162	167	0.4500
296	4.04	34.119	6.02	300	4.01	34.118	6.01	27.10	096	099	0.5166
393	3.41	34.112	5.97	400	3.22	34.111	5.94	27.17	090	092	0.6124
490	0.85	34.111	5.63								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

6月(June)

GYUNGBUG 853 , STATION 103-04 , 36-30.3. N, 129-30.1. E, JUN.13.1987, 12:05 KST,											
DEPTH 110 , COLOR 5, TRANS. 3.0, WAVE SE 1, SWELL SE 1, WIND NW 1 , BARO 1008. ,											
AIR TEMP. DRY 24.0, WET , CLOUD. TYPE , AMT 00, WEATHER B											
0	16.32	34.083	6.42	0	16.32	34.083	6.42	24.98	298	297	0.0000
10	13.04	34.084	6.16	10	13.04	34.084	6.16	25.69	230	230	0.0264
20	11.20	34.162	6.01	20	11.20	34.162	6.01	26.10	191	191	0.0475
30	8.48	34.166	5.90	30	8.48	34.166	5.90	26.56	148	148	0.0645
50	3.57	34.127	5.50	50	3.57	34.127	5.50	27.15	092	092	0.0886
75	2.03	34.063	5.34	75	2.03	34.063	5.34	27.24	084	084	0.1106
100	1.50	34.031	5.50	100	1.50	34.031	5.50	27.25	082	082	0.1314

GYUNGBUG 853 , STATION 103-05 , 36-30.3. N, 129-35.4. E, JUN.13.1987, 11:15 KST,											
DEPTH 205 , COLOR 4, TRANS. 8.0, WAVE NW 1, SWELL NW 1, WIND NW 2 , BARO 1008.5,											
AIR TEMP. DRY 23.7, WET , CLOUD. TYPE AS, AMT 03, WEATHER BC											
0	17.57	33.424	6.42	0	17.57	33.424	6.42	24.19	374	373	0.0000
10	14.84	33.953	6.63	10	14.84	33.953	6.63	25.21	276	276	0.0324
20	13.10	34.036	6.78	20	13.10	34.036	6.78	25.64	235	235	0.0580
30	12.60	34.087	5.86	30	12.60	34.087	5.86	25.78	222	222	0.0810
50	8.24	34.253	5.14	50	8.24	34.253	5.14	26.67	138	138	0.1171
75	3.89	34.162	5.19	75	3.89	34.162	5.19	27.15	092	092	0.1460
100	2.16	34.083	5.34	100	2.16	34.083	5.34	27.24	083	083	0.1681
123	1.49	34.087	5.19	125	1.46	34.086	5.19	27.30	078	078	0.1883
145	1.25	34.084	5.29	150	1.19	34.073	5.26	27.30	077	077	0.2078
193	0.72	33.981	5.09								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 103-06 , 36-30.3. N, 129-47.3. E, JUN. 13, 1987, 09:55 KST,
 DEPTH 235 , COLOR 3, TRANS. 18.0, WAVE NW 1, SWELL NW 1, WIND NW 3 , BARO 1009. ,
 AIR TEMP. DRY 23.8, WET , CLOUD, TYPE NS, AMT 09, WEATHER C

0	18.67	33.563	5.55	0	18.67	33.563	5.55	24.02	389	389	0.0000
10	18.62	33.602	5.75	10	18.62	33.602	5.75	24.06	385	385	0.0387
20	17.38	33.928	5.86	20	17.38	33.928	5.86	24.62	332	333	0.0746
30	15.13	33.911	6.42	30	15.13	33.911	6.42	25.12	285	285	0.1056
50	14.49	34.284	5.14	50	14.49	34.284	5.14	25.54	244	245	0.1587
75	14.64	34.480	4.83	75	14.64	34.480	4.83	25.66	233	235	0.2188
98	14.25	34.241	4.12	100	13.96	34.248	4.17	25.63	236	239	0.2781
122	10.88	34.335	4.83	125	10.26	34.343	4.82	26.41	162	164	0.3286
145	6.16	34.397	4.78	150	5.67	34.382	4.86	27.12	094	096	0.3613
192	1.61	34.257	5.55	200	1.45	34.238	5.46	27.42	066	066	0.4022
230	0.86	34.168	5.14								

GYUNGBUG 853 , STATION 103-07 , 36-30.3. N, 130-00.0. E, JUN. 13, 1987, 08:30 KST,
 DEPTH 850 , COLOR 2, TRANS. 21.0, WAVE SE 1, SWELL SE 1, WIND SE 3 , BARO 1009.5,
 AIR TEMP. DRY 19.3, WET , CLOUD, TYPE NS, AMT 10, WEATHER C

0	19.22	33.748	5.65	0	19.22	33.748	5.65	24.02	389	389	0.0000
10	18.71	34.294	5.34	10	18.71	34.294	5.34	24.57	337	337	0.0363
20	18.22	34.315	5.70	20	18.22	34.315	5.70	24.71	324	324	0.0694
30	17.99	34.378	5.57	30	17.99	34.378	5.57	24.81	314	314	0.1014
50	16.40	34.534	5.94	50	16.40	34.534	5.94	25.31	266	268	0.1597
75	15.65	34.580	5.39	75	15.65	34.580	5.39	25.52	247	249	0.2243
100	15.33	34.605	5.09	100	15.33	34.605	5.09	25.61	238	241	0.2856
124	14.45	34.506	5.26	125	14.38	34.505	5.27	25.74	226	229	0.3444
148	12.95	34.484	5.54	150	12.63	34.470	5.54	26.07	194	198	0.3979
197	5.33	34.154	5.65	200	5.14	34.149	5.64	27.00	106	108	0.4745

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

246	2.33	34.077	5.55	250	2.24	34.078	5.53	27.23	084	085	0.5230
295	1.30	34.095	5.39	300	1.26	34.092	5.37	27.32	076	076	0.5635
394	0.66	34.045	5.14	400	0.64	34.047	5.17	27.32	076	076	0.6401
492	0.47	34.086	5.75								

GYUNGBUG 853 , STATION 103-08 , 36-30.3. N, 130-18.6. E, JUN.13.1987, 06:40 KST,
 DEPTH 198 , COLOR 2, TRANS. 20.0, WAVE SE 1, SWELL SE 1, WIND SE 4 , BARO 1009.5,
 AIR TEMP. DRY 19.8, WET , CLOUD. TYPE NS, AMT 10, WEATHER C

0	19.20	34.325	5.14	0	19.20	34.325	5.14	24.47	347	346	0.0000
10	19.07	34.350	5.39	10	19.07	34.350	5.39	24.52	342	342	0.0344
20	18.28	34.331	5.24	20	18.28	34.331	5.24	24.71	324	324	0.0677
30	18.27	34.324	5.55	30	18.27	34.324	5.55	24.70	324	325	0.1002
50	17.79	34.453	5.65	50	17.79	34.453	5.65	24.92	304	305	0.1633
75	17.31	34.537	5.45	75	17.31	34.537	5.45	25.10	287	289	0.2376
98	15.48	34.522	5.14	100	15.43	34.526	5.11	25.52	246	249	0.3049
122	14.98	34.572	4.83	125	14.89	34.562	4.88	25.67	232	235	0.3655
145	14.31	34.502	5.24	150	14.40	34.483	5.23	25.72	228	232	0.4240
192	15.23	34.332	5.19								

GYUNGBUG 853 , STATION 103-09 , 36-30.3. N, 130-37.3. E, JUN.13.1987, 04:40 KST,
 DEPTH 2150 , COLOR , TRANS. , WAVE SE 2, SWELL SE 1, WIND SE 4 , BARO 1010. ,
 AIR TEMP. DRY 19.3, WET , CLOUD. TYPE NS, AMT 10, WEATHER C

0	19.00	34.224	5.55	0	19.00	34.224	5.55	24.44	349	349	0.0000
10	17.51	34.115	5.60	10	17.51	34.115	5.60	24.73	322	322	0.0335
20	16.29	34.117	6.11	20	16.29	34.117	6.11	25.02	294	295	0.0644

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
30	15.87	34.153	5.60	30	15.87	34.153	5.60	25.14	283	283	0.0933
50	15.29	34.294	5.65	50	15.29	34.294	5.65	25.38	260	261	0.1479
75	15.13	34.622	4.73	75	15.13	34.622	4.73	25.67	233	234	0.2099
99	14.66	34.491	4.57	100	14.63	34.490	4.57	25.67	232	234	0.2687
123	13.96	34.482	4.62	125	13.88	34.481	4.68	25.82	218	221	0.3257
145	13.14	34.475	5.29	150	12.95	34.470	5.34	26.01	200	204	0.3789
193	11.37	34.430	5.81	200	11.05	34.413	5.80	26.32	170	174	0.4736
241	9.18	34.319	5.75	250	8.48	34.281	5.83	26.65	139	143	0.5532
290	5.39	34.115	6.22	300	4.98	34.109	6.13	26.99	107	110	0.6168
388	1.44	34.063	5.39	400	1.35	34.065	5.39	27.29	079	079	0.7120
485	0.74	34.081	5.45								

GYUNGRUC 853 , STATION 103-10 , 36-30.3. N, 130-55.6. E, JUN.13.1987, 02:40 KST,
 DEPTH 1800 , COLOR , TRANS. , WAVE SE 2, SWELL SE 1, WIND SE 5 , BARO 1010.5,
 AIR TEMP. DRY 19.0, WET , CLOUD, TYPE NS, AMT 10, WEATHER C

0	18.56	34.369	5.50	0	18.56	34.369	5.50	24.66	328	328	0.0000
10	18.51	34.330	5.65	10	18.51	34.330	5.65	24.65	330	330	0.0329
20	17.27	34.268	5.86	20	17.27	34.268	5.86	24.90	305	306	0.0647
30	15.78	34.308	5.91	30	15.78	34.308	5.91	25.28	269	270	0.0935
50	14.97	34.519	5.03	50	14.97	34.519	5.03	25.62	237	238	0.1444
75	13.35	34.479	5.65	75	13.35	34.479	5.65	25.93	207	209	0.2004
99	12.62	34.522	5.70	100	12.57	34.520	5.69	26.12	190	192	0.2506
123	11.53	34.474	5.60	125	11.47	34.466	5.62	26.29	174	176	0.2967
145	10.92	34.388	5.91	150	10.79	34.382	5.87	26.35	168	171	0.3402
193	9.74	34.336	5.55	200	9.21	34.313	5.60	26.56	148	151	0.4210
241	6.15	34.184	5.91	250	5.57	34.168	5.81	26.97	109	112	0.4871
290	3.00	34.102	5.39	300	2.77	34.101	5.41	27.21	087	088	0.5373
387	0.84	34.100	5.60	400	0.80	34.096	5.55	27.35	073	073	0.6182
485	0.59	34.077	5.24								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 103-11 , 36-30.3. N, 131-14.0. E, JUN. 13. 1987, 00:40 KST.
 DEPTH 2100 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 4 , BARO 1011. ,
 AIR TEMP. DRY 19.0, WET , CLOUD. TYPE NS, AMT 10, WEATHER C

0	19.01	34.239	5.75	0	19.01	34.239	5.75	24.45	348	348	0.0000
10	18.12	34.230	5.55	10	18.12	34.230	5.55	24.67	328	328	0.0338
20	17.40	34.301	5.60	20	17.40	34.301	5.60	24.90	306	306	0.0655
30	16.71	34.234	5.86	30	16.71	34.234	5.86	25.01	295	296	0.0956
50	12.55	34.364	6.27	50	12.55	34.364	6.27	26.00	201	202	0.1455
75	10.58	34.314	6.52	75	10.58	34.314	6.52	26.33	169	171	0.1921
98	9.40	34.253	6.32	100	9.33	34.251	6.31	26.49	154	156	0.2331
122	8.56	34.233	6.27	125	8.44	34.232	6.28	26.62	142	144	0.2706
145	7.70	34.232	6.37	150	7.53	34.217	6.37	26.74	130	132	0.3053
194	6.05	34.091	6.42	200	5.73	34.086	6.37	26.88	117	120	0.3686
242	3.54	34.052	6.06	250	3.25	34.054	6.00	27.12	094	096	0.4226
291	1.81	34.065	5.70	300	1.72	34.065	5.70	27.26	081	082	0.4672
388	0.88	34.073	5.70	400	0.84	34.076	5.70	27.33	075	075	0.5460
485	0.59	34.101	5.70								

8月(August)

GYUNGBUG 853 , STATION 103-04 , 36-30.3. N, 129-30.1. E, AUG. 19. 1987, 11:00 KST.
 DEPTH 110 , COLOR 3, TRANS. 12.5, WAVE SE 2, SWELL SE 1, WIND SE 3 , BARO 1016. ,
 AIR TEMP. DRY 25.4, WET , CLOUD. TYPE NS, AMT 10, WEATHER C

0	22.19	32.645	4.71	0	22.19	32.645	4.71	22.40	544	544	0.0000
10	21.37	33.154	5.08	10	21.37	33.154	5.08	23.01	486	486	0.0515
20	14.80	33.408	5.66	20	14.80	33.408	5.66	24.80	315	315	0.0916
30	12.78	33.919	5.45	30	12.78	33.919	5.45	25.61	238	238	0.1193
50	9.78	34.024	5.15	50	9.78	34.024	5.15	26.24	178	179	0.1611
75	6.66	34.116	5.15	75	6.66	34.116	5.15	26.79	126	127	0.1994
98	3.51	34.089	5.27								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 103-05 , 36-30.3. N, 129-35.4. E, AUG. 19, 1987, 10:10 KST,
 DEPTH 205 , COLOR 3, TRANS. 13.0, WAVE SE 1, SWELL SE 1, WIND SE 3 , BARO 1016. ,
 AIR TEMP. DRY 23.5, WET , CLOUD, TYPE NS, AMT 10, WEATHER C

0	22.00	32.835	4.79	0	22.00	32.835	4.79	22.59	526	525	0.0000
10	21.45	33.294	4.83	10	21.45	33.294	4.83	23.09	478	478	0.0502
20	14.67	33.872	5.35	20	14.67	33.872	5.35	25.19	278	278	0.0880
30	13.83	34.356	5.07	30	13.83	34.356	5.07	25.74	226	226	0.1133
50	9.63	34.196	4.82	50	9.63	34.196	4.82	26.40	163	163	0.1524
75	5.47	34.156	4.84	75	5.47	34.156	4.84	26.97	109	110	0.1866
96	3.20	34.084	4.91	100	3.06	34.070	4.99	27.16	091	092	0.2119
120	2.37	34.002	5.39	125	2.21	34.002	5.36	27.17	090	090	0.2347
144	1.64	34.004	5.25	150	1.58	34.004	5.24	27.22	085	085	0.2567
197	1.17	34.008	5.24								

GYUNGBUG 853 , STATION 103-06 , 36-30.3. N, 129-47.3. E, AUG. 19, 1987, 08:20 KST,
 DEPTH 235 , COLOR 4, TRANS. 7.0, WAVE SE 1, SWELL SE 1, WIND SE 2 , BARO 1015. ,
 AIR TEMP. DRY 24.0, WET , CLOUD, TYPE NS, AMT 10, WEATHER C

0	21.63	32.879	4.84	0	21.63	32.879	4.84	22.73	513	512	0.0000
10	19.98	33.482	4.90	10	19.98	33.482	4.90	23.63	427	427	0.0470
20	16.61	33.452	5.38	20	16.61	33.452	5.38	24.43	350	350	0.0859
30	13.04	33.976	4.74	30	13.04	33.976	4.74	25.61	238	239	0.1154
50	13.05	34.026	4.43	50	13.05	34.026	4.43	25.64	235	236	0.1629
75	7.92	34.176	4.29	75	7.92	34.176	4.29	26.65	139	140	0.2100
102	4.20	34.129	4.62	100	4.47	34.132	4.59	27.06	100	101	0.2401
125	2.55	34.021	4.95	125	2.55	34.021	4.95	27.16	091	091	0.2642
149	1.87	34.014	5.02	150	1.85	34.013	5.02	27.21	086	086	0.2865
198	1.19	34.009	5.10	200	1.17	34.008	5.10	27.25	082	082	0.3288
230	0.93	34.003	5.25								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 103-07 , 36-30.3. N, 130-00.0. E, AUG. 19. 1987, 07:20 KST,
 DEPTH 850 , COLOR 3, TRANS. 12.0, WAVE SE 1, SWELL SE 1, WIND SE 2 , BARO 1015. ,
 AIR TEMP. DRY 22.5, WET , CLOUD. TYPE NS, AMT 10, WEATHER C

0	21.53	32.748	5.01	0	21.53	32.748	5.01	22.66	520	519	0.0000
10	19.29	32.935	5.01	10	19.29	32.935	5.01	23.39	450	450	0.0484
20	16.85	33.345	5.06	20	16.85	33.345	5.06	24.30	363	363	0.0891
30	14.61	33.873	4.75	30	14.61	33.873	4.75	25.20	277	277	0.1212
50	12.74	34.170	4.45	50	12.74	34.170	4.45	25.82	218	219	0.1710
75	9.76	34.267	4.25	75	9.76	34.267	4.25	26.44	160	161	0.2186
98	6.80	34.221	4.50	100	6.67	34.203	4.49	26.85	120	121	0.2540
126	5.10	33.971	4.45	125	5.16	33.979	4.45	26.87	119	120	0.2843
149	4.45	34.070	4.85	150	4.40	34.069	4.85	27.02	104	105	0.3125
198	2.06	34.023	4.96	200	2.02	34.022	4.96	27.20	087	087	0.3608
246	1.13	34.015	5.00	250	1.10	34.018	5.00	27.27	081	081	0.4030
292	0.87	34.050	5.09	300	0.84	34.050	5.07	27.31	077	077	0.4427
390	0.62	34.052	4.94	400	0.61	34.050	4.92	27.32	075	075	0.5191
488	0.54	34.033	4.84								

GYUNGBUG 853 , STATION 103-08 , 36-30.3. N, 130-18.6. E, AUG. 19. 1987, 05:30 KST,
 DEPTH 198 , COLOR , TRANS. , WAVE SE 2, SWELL SE 1, WIND SE 3 , BARO 1015. ,
 AIR TEMP. DRY 22.5, WET , CLOUD. TYPE , AMT , WEATHER

0	23.36	32.732	4.76	0	23.36	32.732	4.76	22.13	570	570	0.0000
10	21.81	33.130	4.86	10	21.81	33.130	4.86	22.87	499	499	0.0534
20	20.48	33.695	4.76	20	20.48	33.695	4.76	23.66	424	424	0.0997
30	20.16	33.958	4.76	30	20.16	33.958	4.76	23.94	397	398	0.1408
50	17.84	34.138	4.25	50	17.84	34.138	4.25	24.67	328	329	0.2136
75	16.52	34.337	4.05	75	16.52	34.337	4.05	25.13	283	285	0.2905

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
101	15.12	34.388	4.30	100	15.17	34.386	4.29	25.47	251	253	0.3579
124	13.71	34.487	4.70	125	13.62	34.474	4.70	25.87	213	216	0.4167
148	11.74	34.194	4.91	150	11.65	34.192	4.91	26.04	197	200	0.4689
196	9.81	34.156	5.06								
GYUNGBUG 853 , STATION 103-09 , 36-30.3. N, 130-37.3. E, AUG. 19. 1987, 03:45 KST, DEPTH 2150 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1016. , AIR TEMP. DRY 22.2, WET , CLOUD, TYPE , AMT , WEATHER											
0	23.55	33.144	5.06	0	23.55	33.144	5.06	22.39	545	545	0.0000
10	23.48	33.104	4.96	10	23.48	33.104	4.96	22.38	546	546	0.0546
20	23.25	33.628	5.06	20	23.25	33.628	5.06	22.84	502	502	0.1071
30	20.19	33.376	4.96	30	20.19	33.376	4.96	23.49	440	440	0.1542
50	18.47	34.165	4.66	50	18.47	34.165	4.66	24.53	341	342	0.2326
75	15.81	34.395	4.55	75	15.81	34.395	4.55	25.34	264	266	0.3086
97	13.77	34.407	4.86	100	13.66	34.387	4.89	25.80	220	222	0.3697
125	12.76	34.223	5.16	125	12.76	34.223	5.16	25.85	215	218	0.4249
150	11.93	34.108	5.31	150	11.93	34.108	5.31	25.92	208	211	0.4786
200	10.68	34.130	5.41	200	10.68	34.130	5.41	26.17	185	189	0.5789
248	8.49	34.057	5.67	250	8.38	34.057	5.66	26.49	154	158	0.6658
297	5.84	34.072	5.46	300	5.72	34.069	5.45	26.87	118	122	0.7361
398	1.90	34.004	5.27	400	1.88	34.004	5.26	27.20	087	088	0.8415
499	1.00	34.010	5.06								

GYUNGBUG 853 , STATION 103-10 , 36-30.3. N, 130-55.6. E, AUG. 19. 1987, 01:40 KST, DEPTH 1800 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1016. , AIR TEMP. DRY 22.2, WET , CLOUD, TYPE , AMT , WEATHER											
0	22.92	33.065	5.06	0	22.92	33.065	5.06	22.51	534	533	0.0000
10	22.83	33.099	4.86	10	22.83	33.099	4.86	22.56	529	529	0.0531

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
20	22.52	33.647	5.06	20	22.52	33.647	5.06	23.06	481	481	0.1037
30	20.57	33.647	5.06	30	20.57	33.647	5.06	23.60	430	430	0.1493
50	18.51	34.096	4.65	50	18.51	34.096	4.65	24.47	347	348	0.2272
75	15.65	34.329	4.75	75	15.65	34.329	4.75	25.33	265	267	0.3042
100	13.33	34.391	4.86	100	13.33	34.391	4.86	25.87	213	216	0.3646
124	12.70	34.217	5.06	125	12.66	34.214	5.07	25.87	214	216	0.4187
148	11.76	34.168	5.46	150	11.70	34.165	5.45	26.01	200	203	0.4713
196	10.37	34.096	5.36	200	10.08	34.088	5.36	26.24	178	182	0.5677
243	7.00	34.013	5.47	250	6.76	34.018	5.45	26.69	135	138	0.6479
297	5.20	34.059	5.37	300	5.08	34.057	5.36	26.94	112	115	0.7115
396	1.31	34.019	5.26	400	1.28	34.019	5.24	27.26	082	082	0.8107
495	0.78	34.019	4.86								

GYUNGBUG 853 , STATION 103-11 , 36-30.3. N. 131-14.0. E. AUG. 18, 1987, 23:40 KST,
 DEPTH 2100 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1016. ,
 AIR TEMP. DRY 22.0, WET , CLOUD. TYPE , AMT , WEATHER

0	22.34	33.855	4.81	0	22.34	33.855	4.81	23.27	461	461	0.0000
10	21.99	33.847	4.86	10	21.99	33.847	4.86	23.36	452	452	0.0456
20	19.88	33.884	5.06	20	19.88	33.884	5.06	23.96	395	396	0.0881
30	19.38	33.927	5.16	30	19.38	33.927	5.16	24.12	380	380	0.1269
50	17.85	34.125	4.45	50	17.85	34.125	4.45	24.65	329	330	0.1981
75	14.96	34.215	4.76	75	14.96	34.215	4.76	25.39	259	261	0.2721
98	14.02	34.377	4.96	100	13.85	34.356	4.96	25.73	226	229	0.3333
124	11.92	34.112	5.05	125	11.81	34.112	5.06	25.95	206	208	0.3881
148	9.30	34.114	5.37	150	9.20	34.113	5.37	26.41	162	165	0.4348
197	6.97	34.093	5.47	200	6.83	34.090	5.47	26.74	131	133	0.5096
246	4.74	34.046	5.47	250	4.56	34.050	5.46	26.99	107	109	0.5704
295	2.58	34.095	5.36	300	2.50	34.090	5.34	27.22	085	086	0.6196
394	1.05	34.007	5.16	400	1.02	34.008	5.15	27.26	081	081	0.7039
493	0.65	34.025	5.06								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

10月(October)

GYUNGBUG 853 , STATION 103-04 , 36-30.3. N. 129-30.1. E, OCT. 10. 1987, 12:25 KST,
 DEPTH 110 , COLOR 3, TRANS. 13.0, WAVE NE 1, SWELL NE 1, WIND NE 2 , BARO 1020. ,
 AIR TEMP. DRY 26.0, WET , CLOUD, TYPE , AMT 00, WEATHER B

0	21.42	32.825	5.07	0	21.42	32.825	5.07	22.74	511	511	0.0000
10	21.25	32.820	5.00	10	21.25	32.820	5.00	22.79	507	507	0.0509
20	19.38	33.022	4.71	20	19.38	33.022	4.71	23.43	446	446	0.0986
30	14.11	34.407	3.33	30	14.11	34.407	3.33	25.72	228	228	0.1323
50	10.98	34.378	3.70	50	10.98	34.378	3.70	26.31	172	172	0.1725
75	5.83	34.150	4.76	75	5.83	34.150	4.76	26.92	114	114	0.2084
100	3.09	34.048	5.01	100	3.09	34.048	5.01	27.13	093	094	0.2345

GYUNGBUG 853 , STATION 103-05 , 36-30.3. N. 129-35.4. E, OCT. 10. 1987, 13:15 KST,
 DEPTH 205 , COLOR 3, TRANS. 13.0, WAVE NE 2, SWELL NE 1, WIND NE 2 , BARO 1020. ,
 AIR TEMP. DRY 26.0, WET , CLOUD, TYPE , AMT 00, WEATHER B

0	21.40	32.829	5.06	0	21.40	32.829	5.06	22.75	510	510	0.0000
10	21.22	32.834	5.34	10	21.22	32.834	5.34	22.81	505	505	0.0508
20	19.79	32.996	4.72	20	19.79	32.996	4.72	23.31	457	458	0.0990
30	14.84	34.318	3.58	30	14.84	34.318	3.58	25.50	249	249	0.1344
50	13.69	34.446	3.43	50	13.69	34.446	3.43	25.84	216	217	0.1812
75	6.75	34.356	4.65	75	6.75	34.356	4.65	26.96	110	110	0.2223
100	4.12	34.079	5.04	100	4.12	34.079	5.04	27.06	100	101	0.2488
122	2.65	34.071	5.11	125	2.51	34.068	5.11	27.20	087	087	0.2725
149	1.39	34.052	5.17	150	1.39	34.051	5.17	27.27	080	080	0.2935
196	1.39	34.046	5.21								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 103-06 , 36-30.3. N, 129-47.3. E, OCT.10, 1987, 14:40 KST,
 DEPTH 235 , COLOR 3, TRANS. 12.0, WAVE NE 1, SWELL NE 1, WIND NE 2 , BARO 1019. ,
 AIR TEMP. DRY 27.0, WET , CLOUD, TYPE CI, AMT 02, WEATHER B

0	22.74	32.924	4.81	0	22.74	32.924	4.81	22.45	539	539	0.0000
10	22.36	32.896	4.75	10	22.36	32.896	4.75	22.54	531	531	0.0535
20	22.30	32.861	4.76	20	22.30	32.861	4.76	22.53	532	532	0.1067
30	17.57	33.366	3.87	30	17.57	33.366	3.87	24.14	378	378	0.1522
50	15.76	34.222	3.68	50	15.76	34.222	3.68	25.22	275	276	0.2178
75	13.26	34.251	3.99	75	13.26	34.251	3.99	25.77	222	224	0.2805
99	8.84	34.277	4.67	100	8.71	34.277	4.67	26.61	143	144	0.3266
122	5.97	34.296	4.86	125	5.61	34.283	4.88	27.05	101	102	0.3576
149	2.80	34.183	5.05	150	2.78	34.180	5.05	27.27	081	081	0.3807
196	2.24	34.078	5.11	200	2.15	34.074	5.12	27.24	084	084	0.4223
231	1.52	34.050	5.26								

GYUNGBUG 853 , STATION 103-07 , 36-30.3. N, 130-00.0. E, OCT.10, 1987, 16:05 KST,
 DEPTH 850 , COLOR 2, TRANS. 14.0, WAVE NE 1, SWELL NE 1, WIND NE 2 , BARO 1019. ,
 AIR TEMP. DRY 24.8, WET , CLOUD, TYPE CI, AMT 02, WEATHER B

0	22.91	33.006	4.85	0	22.91	33.006	4.85	22.47	538	537	0.0000
10	22.42	33.039	4.79	10	22.42	33.039	4.79	22.63	522	522	0.0530
20	22.50	33.133	4.70	20	22.50	33.133	4.70	22.68	517	518	0.1050
30	22.07	33.210	4.51	30	22.07	33.210	4.51	22.86	500	501	0.1560
50	20.12	34.259	4.16	50	20.12	34.259	4.16	24.18	374	375	0.2437
75	15.99	34.329	3.76	75	15.99	34.329	3.76	25.25	272	274	0.3251
100	15.22	34.563	4.46	100	15.22	34.563	4.46	25.60	239	241	0.3896
123	13.81	34.501	4.45	125	13.42	34.484	4.47	25.92	208	211	0.4463
147	9.17	34.300	4.75	150	8.80	34.289	4.77	26.61	143	146	0.4911
199	2.89	34.116	5.14	200	2.86	34.115	5.14	27.21	086	087	0.5496

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

246	1.74	34.078	5.18	250	1.68	34.081	5.17	27.28	080	080	0.5916
296	1.04	34.122	5.12	300	1.02	34.120	5.12	27.35	072	073	0.6301
398	0.54	34.077	5.13	400	0.53	34.077	5.12	27.35	073	073	0.7032
496	0.42	34.097	5.07								

GYUNGBUG 853 , STATION 103-08 , 36-30.3. N. 130-18.6. E, OCT.10, 1987, 18:15 KST,
 DEPTH 198 , COLOR , TRANS. , WAVE NE 1, SWELL NE 1, WIND NE 2 , BARO 1018. ,
 AIR TEMP. DRY 24.5, WET , CLOUD. TYPE , AMT 04, WEATHER BC

0	22.74	32.946	4.86	0	22.74	32.946	4.86	22.47	537	537	0.0000
10	22.58	32.990	4.66	10	22.58	32.990	4.66	22.55	530	530	0.0534
20	22.58	32.990	4.65	20	22.58	32.990	4.65	22.55	530	530	0.1064
30	22.60	32.986	4.74	30	22.60	32.986	4.74	22.54	531	531	0.1596
50	21.54	34.004	4.67	50	21.54	34.004	4.67	23.61	429	430	0.2558
75	16.66	34.047	4.07	75	16.66	34.047	4.07	24.88	308	310	0.3484
98	16.38	34.197	3.99	100	16.36	34.202	3.98	25.07	290	292	0.4238
123	16.13	34.261	3.98	125	16.05	34.271	4.02	25.19	278	281	0.4956
149	15.17	34.395	4.62	150	15.08	34.398	4.63	25.50	248	252	0.5623
195	11.15	34.567	5.18								

GYUNGBUG 853 , STATION 103-09 , 36-30.3. N. 130-37.3. E, OCT.10, 1987, 20:00 KST,
 DEPTH 2150 , COLOR , TRANS. , WAVE NE 1, SWELL NE 1, WIND NE 2 , BARO 1018. ,
 AIR TEMP. DRY 24.0, WET , CLOUD. TYPE , AMT , WEATHER

0	22.63	33.169	4.69	0	22.63	33.169	4.69	22.67	518	518	0.0000
10	22.81	33.077	4.68	10	22.81	33.077	4.68	22.55	530	530	0.0524
20	22.70	33.060	4.69	20	22.70	33.060	4.69	22.57	528	528	0.1054
30	22.81	33.136	4.66	30	22.81	33.136	4.66	22.59	526	526	0.1581
50	22.43	33.503	4.56	50	22.43	33.503	4.56	22.98	489	490	0.2599

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
75	20.46	33.984	4.17	75	20.46	33.984	4.17	23.88	403	405	0.3718
96	16.34	34.224	3.92	100	16.20	34.247	3.92	25.14	283	286	0.4583
124	15.41	34.389	3.98	125	15.37	34.390	4.00	25.43	255	258	0.5263
148	14.47	34.434	4.66	150	14.25	34.426	4.69	25.70	229	233	0.5878
199	9.09	34.232	5.45	200	9.01	34.229	5.45	26.53	151	154	0.6848
246	5.55	34.102	5.66	250	5.32	34.097	5.66	26.94	112	114	0.7522
300	2.47	34.039	5.66	300	2.47	34.039	5.66	27.18	089	090	0.8035
397	0.97	34.076	5.17	400	0.95	34.075	5.16	27.32	075	076	0.8868
498	0.60	34.071	5.07								

GYUNGBUG 853 , STATION 103-10 , 36-30.3. N, 130-55.6. E, OCT. 10, 1987, 21:55 KST,
 DEPTH 1800 , COLOR , TRANS. , WAVE NE 1, SWELL NE 1, WIND NE 2 , BARO 1019. ,
 AIR TEMP. DRY 21.5, WET , CLOUD. TYPE , AMT , WEATHER

0	22.23	33.077	4.96	0	22.23	33.077	4.96	22.71	514	514	0.0000
10	20.98	33.053	4.97	10	20.98	33.053	4.97	23.04	483	483	0.0499
20	20.99	33.083	4.92	20	20.99	33.083	4.92	23.06	481	482	0.0982
30	20.60	33.373	5.02	30	20.60	33.373	5.02	23.38	450	451	0.1448
50	20.17	33.452	4.62	50	20.17	33.452	4.62	23.55	434	435	0.2336
75	18.59	33.780	4.27	75	18.59	33.780	4.27	24.21	371	373	0.3347
100	15.62	34.200	4.27	100	15.62	34.200	4.27	25.23	274	276	0.4161
123	11.59	34.342	4.22	125	11.49	34.334	4.27	26.18	184	186	0.4740
147	10.49	34.253	4.86	150	10.40	34.246	4.90	26.31	171	174	0.5192
198	8.97	34.137	5.61	200	8.82	34.136	5.61	26.49	155	158	0.6026
246	5.48	34.135	5.61	250	5.25	34.127	5.59	26.97	109	111	0.6702
298	2.57	34.043	5.36	300	2.53	34.043	5.35	27.18	089	090	0.7209
396	1.03	34.050	5.17	400	1.01	34.051	5.16	27.30	078	078	0.8054
496	0.55	34.077	5.12								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
GYUNGBUG 853 , STATION 103-11 , 36-30.3. N, 131-14.0. E, OCT. 10. 1987, 23:50 KST,											
DEPTH 2100 , COLOR , TRANS. , WAVE NE 1, SWELL NE 1, WIND NE 2 , BARO 1018. ,											
AIR TEMP. DRY 20.6, WET , CLOUD. TYPE , AMT , WEATHER											
0	21.02	33.174	4.92	0	21.02	33.174	4.92	23.12	476	475	0.0000
10	20.50	33.240	4.97	10	20.50	33.240	4.97	23.31	458	458	0.0466
20	20.86	33.257	4.87	20	20.86	33.257	4.87	23.22	465	466	0.0929
30	20.25	33.444	5.07	30	20.25	33.444	5.07	23.53	436	437	0.1380
50	19.15	33.830	4.47	50	19.15	33.830	4.47	24.11	381	382	0.2201
75	16.28	34.165	4.07	75	16.28	34.165	4.07	25.06	291	293	0.3046
96	14.89	34.352	4.46	100	14.44	34.353	4.49	25.61	238	241	0.3713
123	11.86	34.362	4.72	125	11.62	34.351	4.77	26.17	185	187	0.4249
148	8.88	34.228	5.36	150	8.74	34.222	5.36	26.56	147	150	0.4672
196	5.67	34.088	5.46	200	5.46	34.085	5.45	26.91	114	116	0.5339
248	2.99	34.056	5.41	250	2.92	34.055	5.41	27.16	091	093	0.5864
297	1.47	34.040	5.46	300	1.45	34.040	5.44	27.26	081	082	0.6302
396	0.82	34.063	4.97	400	0.81	34.063	4.97	27.32	076	076	0.7093
495	0.66	34.066	4.97								

12月(December)

GYUNGBUG 853 , STATION 103-04 , 36-30.3. N, 129-30.1. E, DEC. 18. 1987, 11:15 KST,											
DEPTH 110 , COLOR 4, TRANS. 11.0, WAVE SW 1, SWELL SW 1, WIND SW 3 , BARO 1030.5,											
AIR TEMP. DRY 12.0, WET , CLOUD. TYPE , AMT 00, WEATHER B											
0	14.27	34.013	5.96	0	14.27	34.013	5.96	25.38	260	259	0.0000
10	14.30	34.059	5.97	10	14.30	34.059	5.97	25.41	257	257	0.0258
20	14.10	34.061	5.56	20	14.10	34.061	5.56	25.46	253	253	0.0513
30	14.10	34.106	5.29	30	14.10	34.106	5.29	25.49	249	250	0.0765
50	13.75	34.235	5.36	50	13.75	34.235	5.36	25.66	233	234	0.1250
75	12.05	34.414	5.11	75	12.05	34.414	5.11	26.14	188	189	0.1780
99	6.39	34.344	5.02								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 103-05 , 36-30.3. N, 129-35.4. E, DEC.18.1987, 12:45 KST,
 DEPTH 200 , COLOR 3, TRANS. 15.0, WAVE NW 1, SWELL NW 1, WIND NW 3 , BARO 1030.5,
 AIR TEMP. DRY 12.0, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	15.64	34.162	5.46	0	15.64	34.162	5.46	25.20	277	277	0.0000
10	15.67	34.106	5.57	10	15.67	34.106	5.57	25.15	282	282	0.0279
20	15.07	34.157	5.58	20	15.07	34.157	5.58	25.32	265	266	0.0553
30	15.04	34.248	5.58	30	15.04	34.248	5.58	25.40	258	259	0.0816
50	15.01	34.448	5.56	50	15.01	34.448	5.56	25.56	243	244	0.1320
75	15.05	34.540	5.68	75	15.05	34.540	5.68	25.62	237	239	0.1924
97	15.02	34.558	5.48	100	14.54	34.530	5.52	25.72	227	230	0.2511
123	10.91	34.321	5.83	125	10.48	34.301	5.85	26.34	169	171	0.3014
147	5.80	34.092	6.16	150	5.59	34.094	6.16	26.90	115	117	0.3375
196	2.51	34.132	6.16								

GYUNGBUG 853 , STATION 103-06 , 36-30.3. N, 129-47.3. E, DEC.18.1987, 14:05 KST,
 DEPTH 235 , COLOR , TRANS. 16.0, WAVE NW 1, SWELL NW 1, WIND NW 3 , BARO 1029. ,
 AIR TEMP. DRY 12.0, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	16.06	34.273	5.96	0	16.06	34.273	5.96	25.19	278	278	0.0000
10	15.85	34.190	5.67	10	15.85	34.190	5.67	25.17	280	279	0.0279
20	16.09	34.165	5.46	20	16.09	34.165	5.46	25.10	287	287	0.0562
30	15.75	34.150	5.85	30	15.75	34.150	5.85	25.17	280	281	0.0847
50	15.98	34.154	5.99	50	15.98	34.154	5.99	25.12	285	286	0.1414
75	15.38	34.275	5.91	75	15.38	34.275	5.91	25.34	263	265	0.2105
98	15.14	34.348	6.06	100	15.13	34.349	6.05	25.46	253	255	0.2756
123	15.07	34.363	6.03	125	15.04	34.369	6.03	25.49	249	253	0.3392
147	14.80	34.444	6.04	150	14.71	34.443	6.04	25.62	237	241	0.4010
196	13.35	34.431	6.05	200	12.49	34.403	6.04	26.04	197	201	0.5118
232	5.67	34.183	6.03								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 103-07 , 36-30.3. N. 130-00.0. E, DEC.18.1987, 15:30 KST,
 DEPTH 850 , COLOR , TRANS. 15.0, WAVE NW 1, SWELL NW 1, WIND NW 3 , BARO 1029. ,
 AIR TEMP. DRY 12.2, WET , CLOUD, TYPE , AMT 00, WEATHER B

0	14.93	34.075	5.34	0	14.93	34.075	5.34	25.29	269	268	0.0000
10	14.80	34.035	5.35	10	14.80	34.035	5.35	25.29	269	269	0.0268
20	14.90	34.035	5.23	20	14.90	34.035	5.23	25.26	271	271	0.0539
30	14.69	34.032	5.22	30	14.69	34.032	5.22	25.31	267	267	0.0808
50	14.50	34.022	5.37	50	14.50	34.022	5.37	25.34	264	265	0.1341
75	14.21	34.044	5.54	75	14.21	34.044	5.54	25.42	256	258	0.1996
99	14.18	34.020	5.74	100	14.17	34.019	5.73	25.41	257	260	0.2644
124	14.10	34.014	5.54	125	14.09	34.015	5.54	25.42	256	259	0.3293
148	14.02	34.051	5.64	150	13.83	34.058	5.64	25.51	248	251	0.3932
198	9.32	34.239	5.65	200	9.11	34.233	5.64	26.51	152	156	0.4951
247	4.34	34.096	5.64	250	4.20	34.093	5.64	27.06	100	102	0.5598
297	2.15	34.061	5.64	300	2.11	34.061	5.63	27.23	084	085	0.6069
396	1.02	34.068	5.54	400	1.00	34.068	5.53	27.31	076	076	0.6883
495	0.63	34.079	5.45								

GYUNGBUG 853 , STATION 103-08 , 36-30.3. N. 130-18.6. E, DEC.18.1987, 17:40 KST,
 DEPTH 198 , COLOR , TRANS. , WAVE NW 1, SWELL NW 1, WIND NW 3 , BARO 1029. ,
 AIR TEMP. DRY 11.2, WET , CLOUD, TYPE , AMT , WEATHER

0	14.35	34.067	5.35	0	14.35	34.067	5.35	25.41	257	257	0.0000
10	14.57	34.009	5.23	10	14.57	34.009	5.23	25.32	266	266	0.0261
20	14.57	34.025	5.44	20	14.57	34.025	5.44	25.33	265	265	0.0527
30	14.47	34.013	5.41	30	14.47	34.013	5.41	25.34	264	264	0.0792
50	13.94	34.018	5.41	50	13.94	34.018	5.41	25.46	253	254	0.1311
75	13.95	34.038	5.46	75	13.95	34.038	5.46	25.47	251	253	0.1946

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

99	13.88	34.050	5.36	100	13.88	34.049	5.37	25.49	249	251	0.2578
123	13.90	34.039	5.67	125	13.89	34.039	5.67	25.48	250	253	0.3210
147	13.89	34.041	5.75	150	13.78	34.064	5.75	25.52	246	250	0.3840
196	12.18	34.426	5.77								

GYUNGBUG 853 , STATION 103-09 , 36-30.3. N, 130-37.3. E, DEC.18.1987, 19:40 KST,
 DEPTH 2150 , COLOR , TRANS. , WAVE SW 2, SWELL SW 2, WIND SW 3 , BARO 1029. ,
 AIR TEMP. DRY 10.8, WET , CLOUD. TYPE , AMT , WEATHER

0	14.55	34.020	5.38	0	14.55	34.020	5.38	25.33	265	264	0.0000
10	14.55	34.102	5.27	10	14.55	34.102	5.27	25.39	259	259	0.0262
20	14.05	34.085	5.21	20	14.05	34.085	5.21	25.48	250	250	0.0516
30	14.05	34.031	5.17	30	14.05	34.031	5.17	25.44	254	254	0.0769
50	13.87	34.022	5.34	50	13.87	34.022	5.34	25.47	251	252	0.1277
75	13.90	34.120	5.45	75	13.90	34.120	5.45	25.54	244	246	0.1900
98	13.80	34.049	5.54	100	13.77	34.068	5.54	25.53	246	248	0.2519
124	13.45	34.303	5.56	125	13.42	34.303	5.56	25.78	222	225	0.3111
148	12.79	34.303	5.76	150	12.52	34.298	5.75	25.96	205	208	0.3653
197	6.23	34.181	5.56	200	5.98	34.174	5.56	26.92	114	116	0.4466
247	2.09	34.070	5.72	250	2.07	34.071	5.69	27.24	083	084	0.4969
297	1.87	34.088	5.34	300	1.84	34.087	5.33	27.27	080	081	0.5384
396	0.93	34.080	5.16	400	0.91	34.079	5.16	27.33	075	075	0.6169
496	0.62	34.078	5.16								

GYUNGBUG 853 , STATION 103-10 , 36-30.3. N, 130-55.6. E, DEC.18.1987, 21:50 KST,
 DEPTH 1800 , COLOR , TRANS. , WAVE SW 1, SWELL SW 1, WIND SW 3 , BARO 1029. ,
 AIR TEMP. DRY 11.2, WET , CLOUD. TYPE , AMT , WEATHER

0	14.03	34.063	5.56	0	14.03	34.063	5.56	25.47	251	251	0.0000
10	13.89	34.127	5.56	10	13.89	34.127	5.56	25.55	244	244	0.0247

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
20	13.45	34.098	5.72	20	13.45	34.098	5.72	25.62	237	237	0.0488
30	13.49	34.008	5.71	30	13.49	34.008	5.71	25.54	245	245	0.0730
50	13.40	34.015	5.75	50	13.40	34.015	5.75	25.56	242	243	0.1219
75	13.45	34.039	5.66	75	13.45	34.039	5.66	25.57	242	243	0.1828
98	12.21	34.165	5.42	100	11.93	34.171	5.42	25.97	204	206	0.2391
123	8.79	34.240	5.43	125	8.57	34.232	5.45	26.60	144	146	0.2831
147	6.25	34.152	5.74	150	6.21	34.147	5.73	26.87	118	120	0.3165
197	5.65	34.070	5.67	200	5.40	34.069	5.67	26.91	115	117	0.3760
247	1.55	34.059	5.76	250	1.51	34.059	5.75	27.27	080	081	0.4256
297	1.04	34.074	5.66	300	1.03	34.074	5.65	27.32	076	076	0.4651
396	0.75	34.088	5.56	400	0.74	34.088	5.56	27.35	073	073	0.5402
496	0.51	34.094	5.58								

GYUNGBUG 853 , STATION 103-11 , 36-30.3. N, 131-14.0. E, DEC. 19, 1987, 00:00 KST,
 DEPTH 2100 , COLOR , TRANS. , WAVE NW 1, SWELL NW 1, WIND NW 5 , BARO 1026.5,
 AIR TEMP. DRY 5.0, WET , CLOUD. TYPE , AMT , WEATHER

0	13.40	34.016	5.75	0	13.40	34.016	5.75	25.57	242	242	0.0000
10	13.92	34.096	5.64	10	13.92	34.096	5.64	25.52	247	246	0.0244
20	13.89	34.089	5.56	20	13.89	34.089	5.56	25.52	246	247	0.0491
30	13.90	34.098	5.81	30	13.90	34.098	5.81	25.53	246	246	0.0738
50	13.90	34.011	5.81	50	13.90	34.011	5.81	25.46	252	253	0.1239
75	13.12	34.036	5.86	75	13.12	34.036	5.86	25.64	235	237	0.1853
98	12.97	34.063	5.38	100	12.72	34.061	5.38	25.73	226	228	0.2436
123	9.93	34.040	5.46	125	9.60	34.047	5.48	26.29	173	175	0.2942
147	5.98	34.131	5.76	150	5.79	34.126	5.76	26.91	115	117	0.3308
197	2.94	34.064	5.82	200	2.85	34.062	5.82	27.17	090	091	0.3830
247	1.56	34.047	5.85	250	1.52	34.049	5.83	27.26	081	081	0.4263
297	1.05	34.087	5.67	300	1.04	34.087	5.66	27.33	075	075	0.4658
396	0.75	34.087	5.51	400	0.73	34.085	5.51	27.34	073	073	0.5406
495	0.50	34.040	5.61								

102 線 海洋觀測 成績 Oceanographic Data. Line 102

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

2月(February)

GYUNGBUC 853 , STATION 102-04 , 36-04.6. N, 129-36.9. E, FEB. 16. 1987, 10:50 KST,
 DEPTH 52 , COLOR 3, TRANS. 17.0, WAVE SW 3, SWELL SW 2, WIND SW 5 , BARO 1033. ,
 AIR TEMP. DRY 5.5, WET , CLOUD. TYPE CI, AMT 04, WEATHER BC

0	11.96	34.521	6.21	0	11.96	34.521	6.21	26.24	178	178	0.0000
10	11.62	34.483	6.04	10	11.62	34.483	6.04	26.27	175	175	0.0176
20	11.52	34.477	5.94	20	11.52	34.477	5.94	26.29	174	174	0.0351
30	11.46	34.475	5.99	30	11.46	34.475	5.99	26.30	173	173	0.0525
50	11.27	34.260	6.25	50	11.27	34.260	6.25	26.17	185	186	0.0885

GYUNGBUC 853 , STATION 102-05 , 36-04.6. N, 129-41.3. E, FEB. 16. 1987, 11:25 KST,
 DEPTH 210 , COLOR 2, TRANS. 17.0, WAVE SW 3, SWELL SW 2, WIND SW 5 , BARO 1033. ,
 AIR TEMP. DRY 5.5, WET , CLOUD. TYPE CI, AMT 04, WEATHER BC

0	12.74	34.698	6.14	0	12.74	34.698	6.14	26.22	180	179	0.0000
10	12.75	34.477	6.04	10	12.75	34.477	6.04	26.05	196	196	0.0188
20	12.74	34.564	5.94	20	12.74	34.564	5.94	26.12	189	190	0.0381
30	12.65	34.537	5.99	30	12.65	34.537	5.99	26.12	190	190	0.0571
50	12.65	34.537	5.83	50	12.65	34.537	5.83	26.12	190	191	0.0953
75	11.53	34.458	5.73	75	11.53	34.458	5.73	26.27	175	177	0.1414
98	6.73	34.191	5.63	100	6.42	34.183	5.60	26.87	118	119	0.1785
121	3.18	34.106	5.32	125	3.05	34.110	5.37	27.19	088	089	0.2046
144	2.47	34.131	5.63	150	2.31	34.129	5.60	27.27	081	081	0.2260
192	1.21	34.121	5.44								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 102-06 , 36-04.6. N, 129-47.8. E, FEB. 16, 1987, 12:20 KST,
 DEPTH 700 , COLOR 2, TRANS. 19.0, WAVE NW 3, SWELL NW 2, WIND NW 5 , BARO 1031. ,
 AIR TEMP. DRY 5.9, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	13.75	34.647	5.84	0	13.75	34.647	5.84	25.98	203	202	0.0000
10	13.76	34.663	6.35	10	13.76	34.663	6.35	25.99	202	202	0.0202
20	13.86	34.670	6.04	20	13.86	34.670	6.04	25.98	203	204	0.0405
30	13.70	34.667	5.83	30	13.70	34.667	5.83	26.01	200	201	0.0608
50	13.64	34.536	5.78	50	13.64	34.536	5.78	25.92	209	210	0.1020
75	12.99	34.430	5.94	75	12.99	34.430	5.94	25.97	204	206	0.1540
98	11.21	34.154	5.94	100	11.00	34.152	5.93	26.13	189	190	0.2036
123	8.64	34.133	5.89	125	8.37	34.131	5.87	26.55	149	150	0.2464
145	5.72	34.112	5.73	150	5.48	34.112	5.72	26.93	113	114	0.2796
193	3.49	34.112	5.68	200	3.28	34.115	5.67	27.17	090	091	0.3310
240	2.08	34.135	5.63	250	2.03	34.138	5.60	27.30	078	079	0.3737
289	1.86	34.154	5.53	300	1.71	34.153	5.53	27.33	075	075	0.4124
387	0.61	34.148	5.53	400	0.58	34.136	5.50	27.39	069	068	0.4847
481	0.41	34.062	5.33								

GYUNGBUG 853 , STATION 102-07 , 36-04.6. N, 130-00.0. E, FEB. 16, 1987, 13:55 KST,
 DEPTH 1380 , COLOR 2, TRANS. 18.0, WAVE NW 3, SWELL NW 2, WIND NW 4 , BARO 1030.5,
 AIR TEMP. DRY 10.5, WET , CLOUD. TYPE OC, AMT 02, WEATHER B

0	13.93	34.660	5.73	0	13.93	34.660	5.73	25.95	205	205	0.0000
10	13.81	34.668	5.84	10	13.81	34.668	5.84	25.98	202	202	0.0204
20	13.79	34.649	5.79	20	13.79	34.649	5.79	25.97	203	204	0.0407
30	13.76	34.621	5.84	30	13.76	34.621	5.84	25.96	205	205	0.0612
50	13.76	34.679	5.68	50	13.76	34.679	5.68	26.00	201	202	0.1020
75	13.70	34.647	5.57	75	13.70	34.647	5.57	25.99	202	203	0.1528
98	12.49	34.549	5.63	100	12.38	34.541	5.64	26.17	185	187	0.2017
122	11.27	34.463	5.75	125	10.74	34.437	5.72	26.40	163	166	0.2458
144	7.40	34.276	5.55	150	6.69	34.258	5.53	26.89	116	118	0.2814

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
192	1.78	34.136	5.43	200	1.67	34.132	5.43	27.32	076	076	0.3302
240	1.13	34.117	5.47	250	1.04	34.112	5.45	27.35	073	073	0.3678
289	0.69	34.097	5.42	300	0.67	34.094	5.42	27.35	072	072	0.4044
387	0.54	34.075	5.42	400	0.52	34.074	5.42	27.35	073	073	0.4774
485	0.39	34.070	5.43								

GYUNGBUG 853 , STATION 102-08 , 36-04.6. N, 130-18.4. E, FEB.16.1987, 16:00 KST,
 DEPTH 1500 , COLOR 2, TRANS. 19.0, WAVE NE 3, SWELL NE 2, WIND NE 4 , BARO 1030. ,
 AIR TEMP. DRY 9.9, WET , CLOUD, TYPE CC, AMT 02, WEATHER R

0	12.04	34.483	5.84	0	12.04	34.483	5.84	26.19	182	182	0.0000
10	12.09	34.562	5.71	10	12.09	34.562	5.71	26.25	178	177	0.0180
20	11.92	34.507	5.69	20	11.92	34.507	5.69	26.24	179	179	0.0358
30	11.91	34.411	5.43	30	11.91	34.411	5.43	26.16	185	186	0.0541
50	11.91	34.508	5.86	50	11.91	34.508	5.86	26.24	178	179	0.0907
75	11.61	34.374	5.96	75	11.61	34.374	5.96	26.19	183	184	0.1363
99	11.45	34.301	5.94	100	11.44	34.301	5.93	26.16	185	187	0.1828
122	11.39	34.304	5.89	125	11.32	34.303	5.88	26.19	183	186	0.2296
143	10.94	34.301	5.82	150	10.63	34.289	5.76	26.30	172	175	0.2748
191	8.84	34.219	5.45	200	7.86	34.189	5.46	26.67	137	140	0.3538
241	3.44	34.054	5.56	250	3.14	34.059	5.55	27.14	093	094	0.4126
291	1.81	34.085	5.55	300	1.75	34.084	5.54	27.27	080	081	0.4566
389	1.20	34.076	5.53	400	1.16	34.076	5.50	27.31	077	077	0.5360
487	0.88	34.083	5.33								

GYUNGBUG 853 , STATION 102-09 , 36-04.6. N, 130-36.9. E, FEB.16.1987, 18:00 KST,
 DEPTH 1880 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 4 , BARO 1030. ,
 AIR TEMP. DRY 5.8, WET , CLOUD, TYPE CI, AMT 02, WEATHER B

0	11.24	34.293	5.90	0	11.24	34.293	5.90	26.20	182	182	0.0000
10	11.99	34.284	5.89	10	11.99	34.284	5.89	26.05	196	196	0.0189

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	O2	DEPTH	TEMP	SAL	O2	SIGMA-T	D-T	SVA	D-DY
20	11.32	34.275	5.86	20	11.32	34.275	5.86	26.17	185	185	0.0380
30	11.32	34.299	5.84	30	11.32	34.299	5.84	26.19	183	184	0.0565
50	11.32	34.280	6.00	50	11.32	34.280	6.00	26.17	185	185	0.0935
75	11.11	34.247	5.98	75	11.11	34.247	5.98	26.18	183	185	0.1399
100	9.94	34.445	5.95	100	9.94	34.445	5.95	26.54	149	151	0.1820
122	9.38	34.213	5.90	125	9.13	34.202	5.87	26.49	155	157	0.2206
144	7.56	34.134	5.73	150	6.98	34.122	5.71	26.75	130	132	0.2568
193	2.88	34.036	5.57	200	2.79	34.044	5.58	27.17	090	091	0.3129
242	1.68	34.092	5.65	250	1.59	34.090	5.62	27.29	078	079	0.3556
291	1.17	34.085	5.51	300	1.12	34.084	5.49	27.32	076	076	0.3946
389	0.66	34.082	5.32	400	0.63	34.091	5.32	27.35	072	072	0.4691
487	0.41	34.167	5.39								

GYUNGBUG 853 , STATION 102-10 , 36-04.6, N, 130-55.1, E, FEB. 16, 1987, 20:00 KST,
 DEPTH 1440 , COLOR , TRANS. , WAVE NW 3, SWELL NW 2, WIND NW 4 , BARO 1030. ,
 AIR TEMP. DRY 5.1, WET , CLOUD. TYPE , AMT 10, WEATHER C

0	12.33	34.347	6.19	0	12.33	34.347	6.19	26.03	198	197	0.0000
10	11.34	34.338	6.14	10	11.34	34.338	6.14	26.21	181	181	0.0189
20	11.37	34.403	6.15	20	11.37	34.403	6.15	26.26	176	177	0.0368
30	11.37	34.303	6.24	30	11.37	34.303	6.24	26.18	184	184	0.0549
50	11.36	34.330	6.15	50	11.36	34.330	6.15	26.20	182	182	0.0917
75	11.36	34.311	6.05	75	11.36	34.311	6.05	26.19	183	184	0.1377
100	11.36	34.323	6.05	100	11.36	34.323	6.05	26.20	182	184	0.1838
123	11.33	34.303	5.94	125	11.25	34.306	5.92	26.20	182	184	0.2300
141	10.65	34.332	5.84	150	9.67	34.296	5.82	26.47	156	159	0.2730
193	5.01	34.126	5.73	200	4.61	34.123	5.73	27.04	102	104	0.3389
241	2.30	34.106	5.74	250	2.16	34.115	5.72	27.27	081	081	0.3854
291	1.55	34.158	5.68	300	1.48	34.158	5.65	27.35	073	073	0.4243
391	0.83	34.160	5.42	400	0.80	34.159	5.39	27.40	068	068	0.4954
487	0.58	34.157	5.17								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 102-11 , 36-04.6. N, 131-13.6. E, FEB. 17. 1987, 21:55 KST,
 DEPTH 1780 , COLOR , TRANS. , WAVE NW 3, SWELL NW 2, WIND NW 5 , BARO 1029. ,
 AIR TEMP. DRY 5.5, WET , CLOUD. TYPE , AMT 10, WEATHER C

0	11.31	34.322	5.99	0	11.31	34.322	5.99	26.21	181	181	0.0000
10	11.31	34.346	6.04	10	11.31	34.346	6.04	26.22	180	180	0.0180
20	11.32	34.325	6.12	20	11.32	34.325	6.12	26.21	181	181	0.0361
30	11.32	34.315	6.20	30	11.32	34.315	6.20	26.20	182	182	0.0544
50	11.31	34.328	6.26	50	11.31	34.328	6.26	26.21	181	182	0.0909
75	11.30	34.381	5.92	75	11.30	34.381	5.92	26.25	177	178	0.1360
98	11.30	34.332	5.99	100	11.25	34.333	5.96	26.22	180	182	0.1811
121	10.79	34.348	5.73	125	10.29	34.319	5.73	26.38	164	167	0.2248
143	8.09	34.190	5.74	150	7.32	34.179	5.73	26.74	130	132	0.2623
192	2.71	34.115	5.71	200	2.55	34.120	5.69	27.24	083	084	0.3166
241	1.78	34.149	5.62	250	1.61	34.149	5.58	27.34	074	075	0.3565
290	0.87	34.152	5.43	300	0.84	34.152	5.41	27.39	069	069	0.3926
388	0.66	34.155	5.32	400	0.63	34.155	5.32	27.41	068	067	0.4613
486	0.45	34.155	5.37								

4 月 (April)

GYUNGBUG 853 , STATION 102-04 , 36-04.6. N, 129-36.9. E, APR. 9. 1987, 16:20 KST,
 DEPTH 52 , COLOR 4, TRANS. 6.0, WAVE SE 2, SWELL SE 1, WIND SE 4 , BARO 1011. ,
 AIR TEMP. DRY 14.0, WET , CLOUD. TYPE SC, AMT 06, WEATHER BC

0	12.63	34.527	6.31	0	12.63	34.527	6.31	26.11	190	190	0.0000
10	11.33	34.363	6.22	10	11.33	34.363	6.22	26.23	179	179	0.0184
20	9.18	34.300	6.07	20	9.18	34.300	6.07	26.56	148	148	0.0348
30	7.62	34.268	5.87	30	7.62	34.268	5.87	26.77	128	128	0.0487
50	6.11	34.221	5.64	50	6.11	34.221	5.64	26.94	112	112	0.0728

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 102-05 , 36-04.6. N, 129-41.3. E, APR. 9, 1987, 15:30 KST,
 DEPTH 210 , COLOR 3, TRANS. 9.0, WAVE SE 3, SWELL SE 2, WIND SE 5 , BARO 1011. ,
 AIR TEMP. DRY 15.0, WET , CLOUD. TYPE NS, AMT 08, WEATHER C

0	14.62	34.520	6.39	0	14.62	34.520	6.39	25.70	230	229	0.0000
10	14.58	34.522	6.21	10	14.58	34.522	6.21	25.71	229	229	0.0229
20	14.54	34.545	6.20	20	14.54	34.545	6.20	25.73	226	226	0.0457
30	13.53	34.549	6.26	30	13.53	34.549	6.26	25.95	206	206	0.0674
50	13.12	34.537	6.20	50	13.12	34.537	6.20	26.02	199	200	0.1080
75	11.96	34.429	6.22	75	11.96	34.429	6.22	26.17	185	186	0.1564
97	10.87	34.353	6.19	100	10.64	34.336	6.17	26.34	169	171	0.2012
121	9.06	34.218	6.09	125	8.29	34.213	6.05	26.63	141	143	0.2406
144	4.68	34.194	5.89	150	4.35	34.193	5.87	27.13	094	095	0.2705
191	2.11	34.190	5.78								

GYUNGBUG 853 , STATION 102-06 , 36-04.6. N, 129-47.8. E, APR. 9, 1987, 14:25 KST,
 DEPTH 700 , COLOR 3, TRANS. 11.0, WAVE SE 3, SWELL SE 2, WIND SE 6 , BARO 1011. ,
 AIR TEMP. DRY 14.0, WET , CLOUD. TYPE NS, AMT 10, WEATHER R

0	13.84	34.511	6.14	0	13.84	34.511	6.14	25.86	215	214	0.0000
10	13.84	34.537	6.13	10	13.84	34.537	6.13	25.88	213	213	0.0213
20	13.37	34.559	6.32	20	13.37	34.559	6.32	25.99	202	202	0.0421
30	13.08	34.541	6.02	30	13.08	34.541	6.02	26.04	198	198	0.0622
50	12.18	34.540	6.12	50	12.18	34.540	6.12	26.21	181	182	0.1002
75	11.58	34.461	6.18	75	11.58	34.461	6.18	26.26	176	177	0.1453
99	11.17	34.336	6.16	100	11.16	34.333	6.15	26.24	178	180	0.1900
124	11.05	34.281	6.03	125	11.01	34.277	6.01	26.22	180	182	0.2354
148	10.29	34.194	5.68	150	10.10	34.192	5.67	26.32	171	173	0.2800
198	5.63	34.150	5.66	200	5.50	34.145	5.65	26.96	110	112	0.3516
248	2.41	34.048	5.62	250	2.37	34.047	5.62	27.20	087	088	0.4020
296	1.64	34.046	5.79	300	1.60	34.045	5.78	27.25	082	082	0.4449
394	0.81	34.045	5.71	400	0.78	34.044	5.70	27.31	077	077	0.5250
491	0.44	34.037	5.60								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
GYUNGBUG 853 , STATION 102-07 , 36-04.6. N, 130-00.0. E, APR. 9.1987, 12:45 KST, DEPTH 1390 , COLOR 3, TRANS. 11.0, WAVE SE 2, SWELL SE 1, WIND SE 5 , BARO 1011.5, AIR TEMP. DRY 13.7, WET , CLOUD. TYPE NS, AMT 10, WEATHER R											
0	13.39	34.484	6.18	0	13.39	34.484	6.18	25.93	208	207	0.0000
10	13.50	34.538	6.33	10	13.50	34.538	6.33	25.95	206	206	0.0207
20	12.91	34.558	6.09	20	12.91	34.558	6.09	26.08	193	193	0.0407
30	12.51	34.531	6.28	30	12.51	34.531	6.28	26.14	188	188	0.0598
50	12.24	34.510	6.16	50	12.24	34.510	6.16	26.18	184	185	0.0972
75	11.68	34.390	6.08	75	11.68	34.390	6.08	26.19	183	184	0.1435
99	10.92	34.240	6.25	100	10.90	34.238	6.24	26.21	181	182	0.1894
124	10.50	34.194	6.03	125	10.47	34.191	6.02	26.25	177	179	0.2348
148	9.80	34.132	5.89	150	9.67	34.133	5.89	26.35	168	171	0.2786
198	6.56	34.174	6.00	200	6.41	34.169	5.99	26.86	119	122	0.3520
248	2.86	34.065	5.84	250	2.78	34.063	5.83	27.17	089	091	0.4053
296	1.11	34.038	5.66	300	1.09	34.037	5.65	27.28	079	079	0.4480
393	0.68	34.037	5.65	400	0.66	34.036	5.64	27.31	077	077	0.5264
490	0.52	34.035	5.61								

GYUNGBUG 853 , STATION 102-08 , 36-04.6. N, 130-18.4. E, APR. 9.1987, 10:30 KST, DEPTH 1530 , COLOR 3, TRANS. 12.0, WAVE SE 2, SWELL SE 1, WIND SE 5 , BARO 1012. , AIR TEMP. DRY 13.5, WET , CLOUD. TYPE NS, AMT 10, WEATHER R											
0	13.94	34.508	6.03	0	13.94	34.508	6.03	25.83	217	216	0.0000
10	13.92	34.602	6.20	10	13.92	34.602	6.20	25.91	209	209	0.0213
20	13.91	34.593	6.09	20	13.91	34.593	6.09	25.91	210	210	0.0423
30	13.89	34.581	6.04	30	13.89	34.581	6.04	25.90	210	211	0.0634
50	13.59	34.572	5.94	50	13.59	34.572	5.94	25.96	205	206	0.1052
75	13.19	34.471	5.98	75	13.19	34.471	5.98	25.96	205	206	0.1569
99	12.28	34.386	6.02	100	12.22	34.382	6.01	26.08	193	195	0.2073
124	10.99	34.303	5.87	125	10.94	34.302	5.87	26.26	176	179	0.2542
148	9.79	34.284	5.91	150	9.61	34.279	5.91	26.47	156	159	0.2966

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

198	5.49	34.182	6.00	200	5.36	34.177	5.99	27.00	106	108	0.3636
248	2.39	34.078	5.91	250	2.34	34.077	5.90	27.22	085	086	0.4124
296	1.36	34.075	5.82	300	1.33	34.073	5.81	27.30	078	078	0.4537
394	0.83	34.030	5.68	400	0.82	34.029	5.67	27.29	078	078	0.5324
490	0.70	34.029	5.60								

GYUNGBUG 853 , STATION 102-09 , 36-04.6. N, 130-36.9. E, APR. 9. 1987, 08:25 KST,
 DEPTH 1880 , COLOR 3, TRANS. 12.0, WAVE SE 1, SWELL SE 1, WIND SE 3 , BARO 1015. ,
 AIR TEMP. DRY 14.3, WET , CLOUD, TYPE NS, AMT 10, WEATHER R

0	13.60	34.578	6.07	0	13.60	34.578	6.07	25.96	205	205	0.0000
10	13.40	34.555	6.08	10	13.40	34.555	6.08	25.98	203	203	0.0204
20	13.34	34.559	6.12	20	13.34	34.559	6.12	26.00	201	201	0.0406
30	13.18	34.548	6.21	30	13.18	34.548	6.21	26.02	199	199	0.0607
50	12.75	34.554	6.14	50	12.75	34.554	6.14	26.11	190	191	0.0999
75	11.96	34.415	6.19	75	11.96	34.415	6.19	26.16	186	188	0.1474
99	11.34	34.347	6.18	100	11.30	34.345	6.17	26.23	179	181	0.1936
124	10.35	34.300	6.07	125	10.30	34.296	6.06	26.37	166	169	0.2375
148	9.26	34.218	5.99	150	9.09	34.218	5.98	26.51	153	155	0.2781
198	5.13	34.218	5.98	200	5.00	34.214	5.97	27.07	099	101	0.3425
248	1.98	34.135	5.87	250	1.95	34.131	5.86	27.30	078	078	0.3877
296	1.26	34.046	5.78	300	1.23	34.045	5.77	27.28	079	080	0.4275
392	0.74	34.041	5.65	400	0.72	34.040	5.65	27.31	077	077	0.5062
488	0.54	34.030	5.67								

GYUNGBUG 853 , STATION 102-10 , 36-04.6. N, 130-55.1. E, APR. 9. 1987, 06:20 KST,
 DEPTH 1480 , COLOR 2, TRANS. 16.0, WAVE SE 1, SWELL SE 1, WIND SE 3 , BARO 1015. ,
 AIR TEMP. DRY 13.5, WET , CLOUD, TYPE NS, AMT 07, WEATHER BC

0	14.01	34.592	6.17	0	14.01	34.592	6.17	25.88	212	212	0.0000
10	14.05	34.543	6.10	10	14.05	34.543	6.10	25.84	216	216	0.0214

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
20	12.89	34.548	6.51	20	12.89	34.548	6.51	26.08	193	194	0.0419
30	12.39	34.535	6.42	30	12.39	34.535	6.42	26.17	185	185	0.0610
50	12.30	34.535	6.44	50	12.30	34.535	6.44	26.18	183	184	0.0980
75	11.48	34.356	6.44	75	11.48	34.356	6.44	26.20	182	183	0.1441
99	10.88	34.278	6.43	100	10.88	34.277	6.42	26.25	177	179	0.1895
124	10.93	34.265	6.38	125	10.92	34.261	6.37	26.23	179	182	0.2348
148	10.87	34.182	6.36	150	10.85	34.180	6.35	26.18	184	187	0.2810
198	10.57	34.155	6.14	200	10.49	34.154	6.13	26.22	180	184	0.3739
248	8.60	34.141	6.02	250	8.35	34.136	6.02	26.56	148	152	0.4581
296	2.73	34.032	6.03	300	2.70	34.032	6.01	27.16	091	093	0.5194
393	2.17	34.033	5.77	400	2.06	34.033	5.76	27.21	086	087	0.6099
491	0.67	34.034	5.69								

GYUNCHUG 853 , STATION 102-11 , 36-04.6. N. 131-13.6. E, APR. 9, 1987, 04:10 KST.
 DEPTH 1780 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 3 , BARO 1015.5.
 AIR TEMP. DRY 12.5, WET , CLOUD, TYPE , AMT , WEATHER

0	11.84	34.450	6.58	0	11.84	34.450	6.58	26.21	181	181	0.0000
10	11.39	34.460	6.60	10	11.39	34.460	6.60	26.30	173	172	0.0177
20	11.39	34.453	6.57	20	11.39	34.453	6.57	26.29	173	173	0.0350
30	11.19	34.460	6.44	30	11.19	34.460	6.44	26.34	169	169	0.0522
50	11.04	34.419	6.27	50	11.04	34.419	6.27	26.33	170	170	0.0863
75	10.88	34.411	6.47	75	10.88	34.411	6.47	26.35	167	169	0.1288
99	10.89	34.264	6.30	100	10.89	34.264	6.30	26.24	178	180	0.1725
124	10.89	34.277	6.35	125	10.88	34.274	6.34	26.25	178	180	0.2177
148	10.84	34.220	6.34	150	10.83	34.215	6.33	26.21	181	184	0.2633
198	10.63	34.108	6.23	200	10.55	34.107	6.22	26.17	184	188	0.3566
248	8.85	34.094	5.99	250	8.63	34.091	5.99	26.48	155	159	0.4438
296	3.64	34.040	6.08	300	3.54	34.040	6.06	27.09	098	100	0.5089
393	1.43	34.044	5.65	400	1.38	34.042	5.64	27.27	081	081	0.6000
490	0.81	34.020	5.61								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

6月(June)

GYUNGRUG 853 , STATION 102-04 , 36-04.6. N, 129-36.9. E, JUN.12.1987, 10:40 KST,
 DEPTH 64 , COLOR 4, TRANS. 12.0, WAVE SE 1, SWELL SE 1, WIND SE 4 , BARO 1014.5,
 AIR TEMP. DRY 19.5, WET , CLOUD, TYPE NS, AMT 10, WEATHER C

0	17.59	33.520	6.16	0	17.59	33.520	6.16	24.25	367	367	0.0000
10	16.38	33.613	6.58	10	16.38	33.613	6.58	24.61	333	333	0.0350
20	15.84	33.831	5.81	20	15.84	33.831	5.81	24.90	306	306	0.0670
30	12.81	33.829	4.88	30	12.81	33.829	4.88	25.54	245	245	0.0946
50	9.15	34.305	4.78	50	9.15	34.305	4.78	26.57	147	148	0.1340

GYUNGRUG 853 , STATION 102-05 , 36-04.6. N, 129-41.3. E, JUN.12.1987, 11:25 KST,
 DEPTH 210 , COLOR 4, TRANS. 13.0, WAVE SE 1, SWELL SE 1, WIND SE 4 , BARO 1014.5,
 AIR TEMP. DRY 20.0, WET , CLOUD, TYPE NS, AMT 10, WEATHER C

0	19.41	33.840	5.29	0	19.41	33.840	5.29	24.05	387	387	0.0000
10	18.02	33.635	5.45	10	18.02	33.635	5.45	24.24	369	369	0.0378
20	17.14	33.513	5.75	20	17.14	33.513	5.75	24.36	357	358	0.0741
30	15.05	34.156	5.60	30	15.05	34.156	5.60	25.33	265	266	0.1053
50	14.30	34.336	6.01	50	14.30	34.336	6.01	25.63	237	238	0.1557
75	14.14	34.399	5.29	75	14.14	34.399	5.29	25.71	229	230	0.2144
98	13.35	34.345	4.62	100	12.75	34.338	4.67	25.94	206	208	0.2693
123	5.90	34.267	5.34	125	5.57	34.249	5.34	27.03	103	105	0.3086
145	2.34	34.070	5.39	150	2.22	34.071	5.36	27.23	084	085	0.3324
193	1.25	34.080	5.14								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
GYUNGBUG 853 , STATION 102-06 , 36-04.6. N, 129-47.8. E, JUN.12.1987, 12:15 KST, DEPTH 500 , COLOR 3, TRANS. 17.0, WAVE SE 1, SWELL SE 1, WIND SE 4 , BARO 1011. , AIR TEMP. DRY 19.5, WET , CLOUD. TYPE NS, AMT 10, WEATHER C											
0	19.51	33.813	5.03	0	19.51	33.813	5.03	24.00	391	391	0.0000
10	18.80	33.777	5.45	10	18.80	33.777	5.45	24.15	377	377	0.0384
20	18.34	33.842	5.29	20	18.34	33.842	5.29	24.32	361	361	0.0753
30	15.67	33.930	6.11	30	15.67	33.930	6.11	25.01	295	295	0.1082
50	14.58	34.277	4.93	50	14.58	34.277	4.93	25.52	247	248	0.1626
75	14.56	34.332	4.42	75	14.56	34.332	4.42	25.57	242	244	0.2241
100	14.44	34.455	4.47	100	14.44	34.455	4.47	25.69	231	233	0.2839
124	14.16	34.423	4.52	125	14.01	34.423	4.52	25.75	224	227	0.3416
148	10.68	34.444	4.62	150	10.33	34.428	4.65	26.46	157	160	0.3901
197	2.11	34.070	5.39	200	2.06	34.070	5.37	27.24	083	084	0.4512
246	1.39	34.070	5.14	250	1.35	34.071	5.14	27.29	078	079	0.4921
295	0.98	34.086	5.24	300	0.96	34.085	5.24	27.33	075	075	0.5306
394	0.60	34.081	5.24	400	0.58	34.081	5.24	27.35	073	073	0.6049
493	0.43	34.086	5.29								
GYUNGBUG 853 , STATION 102-07 , 36-04.6. N, 130-00.0. E, JUN.12.1987, 15:50 KST, DEPTH 500 , COLOR 3, TRANS. 18.0, WAVE SE 1, SWELL SE 1, WIND SE 4 , BARO 1011. , AIR TEMP. DRY 22.0, WET , CLOUD. TYPE NS, AMT 10, WEATHER C											
0	19.38	33.910	5.29	0	19.38	33.910	5.29	24.11	381	381	0.0000
10	18.91	34.322	5.34	10	18.91	34.322	5.34	24.54	340	340	0.0360
20	18.80	34.368	5.14	20	18.80	34.368	5.14	24.60	334	334	0.0698
30	18.39	34.417	5.24	30	18.39	34.417	5.24	24.74	320	321	0.1026
50	16.26	34.543	5.39	50	16.26	34.543	5.39	25.35	263	264	0.1611
75	15.36	34.531	5.28	75	15.36	34.531	5.28	25.54	244	246	0.2250
99	14.73	34.570	5.00	100	14.69	34.568	5.00	25.72	227	230	0.2846
123	13.82	34.535	5.20	125	13.66	34.527	5.25	25.91	210	213	0.3401
145	12.12	34.453	5.83	150	11.43	34.430	5.74	26.27	176	179	0.3892

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
194	5.44	34.234	5.02	200	4.95	34.213	5.07	27.07	099	101	0.4593
243	1.46	34.070	5.49	250	1.39	34.073	5.49	27.29	078	079	0.5044
290	1.00	34.096	5.49	300	0.95	34.090	5.49	27.33	074	074	0.5429
388	0.57	34.044	5.54	400	0.55	34.049	5.50	27.33	075	075	0.6180
486	0.45	34.087	5.22								

GYUNGBUC 853 , STATION 102-08 , 36-04.6. N, 130-18.4. E, JUN. 12, 1987, 16:45 KST,
 DEPTH 1530 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 4 , BARO 1010.5,
 AIR TEMP. DRY 20.0, WET , CLOUD, TYPE NS, AMT 10, WEATHER C

0	19.08	34.362	5.44	0	19.08	34.362	5.44	24.53	341	341	0.0000
10	18.39	34.378	5.71	10	18.39	34.378	5.71	24.71	323	323	0.0332
20	18.40	34.331	5.79	20	18.40	34.331	5.79	24.68	327	327	0.0658
30	17.84	34.362	5.42	30	17.84	34.362	5.42	24.84	311	312	0.0978
50	16.97	34.431	5.89	50	16.97	34.431	5.89	25.10	287	288	0.1579
75	14.84	34.536	5.26	75	14.84	34.536	5.26	25.66	233	235	0.2233
100	13.42	34.444	5.24	100	13.42	34.444	5.24	25.89	211	213	0.2794
124	12.42	34.488	5.96	125	12.38	34.487	5.96	26.13	188	191	0.3301
148	11.46	34.468	5.98	150	11.33	34.459	5.98	26.31	172	175	0.3760
196	8.55	34.263	6.05	200	8.22	34.244	6.04	26.66	138	141	0.4553
244	4.63	34.045	5.98	250	4.36	34.050	5.98	27.01	105	107	0.5176
293	2.49	34.092	6.05	300	2.45	34.090	6.06	27.22	085	086	0.5661
390	2.01	34.076	6.27	400	1.96	34.075	6.22	27.25	082	083	0.6512
488	1.59	34.073	5.84								

GYUNGBUC 853 , STATION 102-09 , 36-04.6. N, 130-36.9. E, JUN. 12, 1987, 17:50 KST,
 DEPTH 1880 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 4 , BARO 1010.5,
 AIR TEMP. DRY 19.5, WET , CLOUD, TYPE NS, AMT 10, WEATHER C

0	19.29	34.409	5.65	0	19.29	34.409	5.65	24.51	343	342	0.0000
10	18.31	34.411	5.49	10	18.31	34.411	5.49	24.76	319	319	0.0331

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
20	17.82	34.344	5.79	20	17.82	34.344	5.79	24.83	312	313	0.0647
30	17.11	34.485	5.57	30	17.11	34.485	5.57	25.11	286	286	0.0947
50	14.14	34.519	6.11	50	14.14	34.519	6.11	25.80	220	221	0.1455
75	12.94	34.524	5.86	75	12.94	34.524	5.86	26.05	196	198	0.1980
99	11.76	34.471	5.86	100	11.75	34.470	5.86	26.24	178	180	0.2454
123	11.52	34.454	5.90	125	11.48	34.452	5.90	26.28	175	177	0.2902
145	11.08	34.442	5.90	150	11.00	34.435	5.89	26.35	168	171	0.3338
193	10.32	34.376	5.89	200	9.80	34.358	5.90	26.50	153	157	0.4160
241	6.77	34.257	5.98	250	6.09	34.223	5.97	26.94	111	114	0.4842
288	3.25	34.080	5.96	300	2.98	34.082	5.93	27.17	090	091	0.5359
386	1.08	34.102	5.75	400	1.02	34.091	5.72	27.33	075	075	0.6194
486	0.68	34.030	5.60								

GYUNGBUG 853 , STATION 102-10 , 36-04.6. N, 130-55.1. E, JUN. 12, 1987, 19:45 KST,
 DEPTH 1440 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 4 , BARO 1010.5,
 AIR TEMP. DRY 17.8, WET , CLOUD, TYPE NS, AMT 10, WEATHER C

0	19.08	34.244	5.65	0	19.08	34.244	5.65	24.44	349	349	0.0000
10	18.20	34.253	5.60	10	18.20	34.253	5.60	24.67	328	328	0.0339
20	17.85	34.275	5.65	20	17.85	34.275	5.65	24.77	318	318	0.0662
30	16.92	34.275	5.91	30	16.92	34.275	5.91	24.99	297	297	0.0970
50	14.50	34.436	5.14	50	14.50	34.436	5.14	25.66	233	234	0.1503
75	13.13	34.453	5.50	75	13.13	34.453	5.50	25.96	205	207	0.2056
99	12.73	34.437	5.75	100	12.71	34.438	5.75	26.03	198	200	0.2566
123	12.44	34.473	5.86	125	12.40	34.473	5.82	26.12	190	193	0.3058
145	12.08	34.475	5.50	150	11.98	34.473	5.45	26.20	182	185	0.3532
193	11.14	34.462	5.09	200	10.92	34.447	5.18	26.37	165	170	0.4422
241	9.68	34.365	5.76	250	9.24	34.319	5.76	26.56	148	152	0.5229
290	7.33	34.116	5.81	300	6.81	34.111	5.82	26.76	129	133	0.5944
387	2.38	34.075	5.96	400	2.19	34.073	5.90	27.23	084	085	0.7041
485	1.02	34.065	5.55								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 102-11 , 36-04.6. N, 131-13.6. E, JUN. 12, 1987, 21:40 KST,
 DEPTH 1780 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 3 , BARO 1010. ,
 AIR TEMP. DRY 19.0, WET , CLOUD, TYPE NS, AMT 10, WEATHER C

0	18.91	34.239	5.50	0	18.91	34.239	5.50	24.48	346	345	0.0000
10	17.52	34.290	5.70	10	17.52	34.290	5.70	24.86	309	309	0.0327
20	17.22	34.279	5.75	20	17.22	34.279	5.75	24.92	303	304	0.0634
30	17.01	34.288	5.70	30	17.01	34.288	5.70	24.98	298	298	0.0936
50	14.57	34.359	5.55	50	14.57	34.359	5.55	25.59	240	241	0.1477
75	12.15	34.403	6.47	75	12.15	34.403	6.47	26.11	190	192	0.2020
99	10.30	34.314	6.16	100	10.26	34.312	6.15	26.38	164	166	0.2468
123	9.47	34.272	6.06	125	9.38	34.266	6.06	26.50	154	156	0.2872
145	8.51	34.208	6.11	150	8.35	34.199	6.13	26.61	143	146	0.3250
193	7.00	34.130	6.32	200	6.59	34.127	6.28	26.80	125	127	0.3935
241	4.23	34.111	6.06	250	3.77	34.099	6.02	27.11	096	097	0.4498
290	1.77	34.050	5.86	300	1.70	34.053	5.90	27.25	082	083	0.4951
387	1.15	34.085	6.27	400	1.09	34.087	6.22	27.32	075	076	0.5747
485	0.75	34.105	5.96								

8月(August)

GYUNGBUG 853 , STATION 102-04 , 36-04.6. N, 129-36.9. E, AUG. 18, 1987, 09:30 KST,
 DEPTH 52 , COLOR 3, TRANS. 13.0, WAVE NE 2, SWELL NE 1, WIND NE 4 , BARO 1017. ,
 AIR TEMP. DRY 22.0, WET , CLOUD, TYPE NS, AMT 10, WEATHER C

0	17.54	32.524	5.57	0	17.54	32.524	5.57	23.51	438	438	0.0000
10	15.30	33.044	5.67	10	15.30	33.044	5.67	24.42	352	352	0.0395
20	13.97	33.264	5.51	20	13.97	33.264	5.51	24.87	309	309	0.0726
30	13.49	33.814	5.51	30	13.49	33.814	5.51	25.39	259	259	0.1010
50	10.65	34.084	5.16	50	10.65	34.084	5.16	26.14	188	188	0.1459

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 102-05 , 36-04.6. N, 129-41.3. E, AUG. 18, 1987, 10:05 KST,
 DEPTH 210 , COLOR 3, TRANS. 15.0, WAVE NE 2, SWELL NE 1, WIND NE 4 , BARO 1017. ,
 AIR TEMP. DRY 23.0, WET , CLOUD. TYPE NS, AMT 10, WEATHER C

0	20.61	32.597	5.16	0	20.61	32.597	5.16	22.79	507	507	0.0000
10	19.31	32.794	5.36	10	19.31	32.794	5.36	23.28	460	460	0.0483
20	16.12	33.251	5.37	20	16.12	33.251	5.37	24.39	354	354	0.0891
30	11.81	34.177	5.15	30	11.81	34.177	5.15	26.00	201	201	0.1169
50	7.05	34.189	5.06	50	7.05	34.189	5.06	26.79	126	126	0.1498
75	4.67	34.127	5.36	75	4.67	34.127	5.36	27.04	102	103	0.1786
100	2.19	34.088	5.36	100	2.19	34.088	5.36	27.24	083	083	0.2020
123	2.01	33.987	5.31	125	1.95	33.989	5.30	27.18	089	089	0.2236
145	1.40	34.014	5.21	150	1.37	34.013	5.19	27.25	083	083	0.2451
193	1.12	34.010	5.06								

GYUNGBUG 853 , STATION 102-06 , 36-04.6. N, 129-47.8. E, AUG. 18, 1987, 11:00 KST,
 DEPTH 700 , COLOR 3, TRANS. 16.0, WAVE NE 2, SWELL NE 1, WIND NE 4 , BARO 1016.2 ,
 AIR TEMP. DRY 22.4, WET , CLOUD. TYPE NS, AMT 10, WEATHER C

0	20.91	32.727	5.27	0	20.91	32.727	5.27	22.81	505	505	0.0000
10	18.33	32.610	5.46	10	18.33	32.610	5.46	23.38	450	450	0.0478
20	14.28	33.271	5.06	20	14.28	33.271	5.06	24.81	314	314	0.0860
30	11.11	34.054	5.16	30	11.11	34.054	5.16	26.03	198	198	0.1117
50	8.24	34.137	4.81	50	8.24	34.137	4.81	26.58	146	147	0.1463
75	4.65	34.135	4.91	75	4.65	34.135	4.91	27.05	102	102	0.1775
100	2.99	34.125	5.06	100	2.99	34.125	5.06	27.21	087	087	0.2013
125	2.37	34.025	5.26	125	2.37	34.025	5.26	27.18	089	089	0.2234
145	1.84	34.046	5.11	150	1.79	34.040	5.11	27.24	084	084	0.2452
194	1.35	33.996	5.16	200	1.28	34.000	5.16	27.24	083	083	0.2872
243	0.84	34.029	5.16	250	0.82	34.027	5.15	27.29	078	078	0.3278
292	0.71	34.018	5.11	300	0.69	34.020	5.10	27.29	078	078	0.3671
391	0.50	34.044	5.06	400	0.49	34.042	5.06	27.32	075	075	0.4441
490	0.39	34.024	5.06								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUC 853 , STATION 102-07 , 36-04.6. N, 130-00.0. E, AUG. 18, 1987, 12:25 KST,
 DEPTH 1590 , COLOR 3, TRANS, 11.0, WAVE NE 2, SWELL NE 1, WIND NE 4 , BARO 1016. ,
 AIR TEMP. DRY 23.0, WET , CLOUD, TYPE NS, AMT 10, WEATHER R

0	21.20	32.173	5.16	0	21.20	32.173	5.16	22.31	553	552	0.0000
10	20.99	32.904	5.06	10	20.99	32.904	5.06	22.92	494	494	0.0523
20	18.37	33.249	5.01	20	18.37	33.249	5.01	23.86	405	405	0.0974
30	17.71	33.809	4.90	30	17.71	33.809	4.90	24.45	349	349	0.1351
50	14.66	34.090	4.75	50	14.66	34.090	4.75	25.36	262	263	0.1965
75	10.47	34.190	4.75	75	10.47	34.190	4.75	26.25	177	178	0.2517
99	7.56	34.183	4.50	100	7.47	34.173	4.50	26.72	133	134	0.2909
122	5.71	33.969	4.65	125	5.45	33.976	4.68	26.83	122	123	0.3232
146	3.65	34.030	4.95	150	3.49	34.033	4.95	27.09	098	099	0.3511
195	1.75	34.070	4.97	200	1.69	34.069	4.96	27.27	081	081	0.3963
244	1.21	34.065	4.96	250	1.16	34.056	4.97	27.29	078	078	0.4364
292	0.86	34.000	5.06	300	0.84	34.000	5.04	27.27	080	080	0.4763
390	0.62	34.010	4.86	400	0.60	34.013	4.85	27.29	078	078	0.5559
488	0.52	34.042	4.81								

GYUNGBUC 853 , STATION 102-08 , 36-04.6. N, 130-18.4. E, AUG. 18, 1987, 14:40 KST,
 DEPTH 1530 , COLOR 3, TRANS, 17.0, WAVE NE 2, SWELL NE 1, WIND NE 4 , BARO 1015. ,
 AIR TEMP. DRY 24.0, WET , CLOUD, TYPE NS, AMT 10, WEATHER C

0	23.71	32.210	4.81	0	23.71	32.210	4.81	21.64	617	617	0.0000
10	22.94	32.809	4.86	10	22.94	32.809	4.86	22.31	553	553	0.0585
20	20.58	33.552	5.05	20	20.58	33.552	5.05	23.52	437	437	0.1080
30	19.16	34.007	4.85	30	19.16	34.007	4.85	24.24	369	369	0.1484
50	17.91	34.303	4.65	50	17.91	34.303	4.65	24.78	317	319	0.2173
75	16.44	34.396	4.45	75	16.44	34.396	4.45	25.20	277	279	0.2922
100	15.08	34.388	4.55	100	15.08	34.388	4.55	25.50	249	251	0.3586
123	13.78	34.180	4.65	125	13.65	34.180	4.68	25.64	235	238	0.4199
146	12.32	34.187	5.06	150	11.96	34.176	5.06	25.97	204	207	0.4756

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
195	8.00	34.064	5.06	200	7.74	34.062	5.07	26.59	145	148	0.5645
243	5.54	34.051	5.16	250	5.03	34.045	5.16	26.93	112	115	0.6304
290	2.13	34.014	5.16	300	1.99	34.023	5.15	27.21	086	087	0.6811
388	0.80	34.107	5.11	400	0.78	34.095	5.08	27.35	073	073	0.7617
485	0.65	34.010	4.91								

GYUNGBUG 853 , STATION 102-09 , 36-04.6. N, 130-36.9. E, AUG.18,1987, 17:00 KST,
 DEPTH 1880 , COLOR 3, TRANS. 17.0, WAVE NE 2, SWELL NE 1, WIND NE 4 , BARO 1014. ,
 AIR TEMP. DRY 24.0, WET , CLOUD, TYPE , AMT 00, WEATHER B

0	24.10	32.558	4.85	0	24.10	32.558	4.85	21.78	603	603	0.0000
10	23.93	32.567	4.76	10	23.93	32.567	4.76	21.84	598	598	0.0600
20	22.35	33.319	5.01	20	22.35	33.319	5.01	22.86	500	500	0.1150
30	20.14	33.880	4.96	30	20.14	33.880	4.96	23.89	402	403	0.1602
50	17.29	34.217	4.76	50	17.29	34.217	4.76	24.86	309	311	0.2316
75	15.94	34.449	4.55	75	15.94	34.449	4.55	25.35	263	264	0.3036
100	13.70	34.426	4.81	100	13.70	34.426	4.81	25.82	218	220	0.3643
123	12.86	34.226	5.06	125	12.80	34.224	5.06	25.85	215	218	0.4192
147	12.14	34.210	5.16	150	12.06	34.206	5.17	25.97	203	207	0.4725
195	11.01	34.158	5.37	200	10.75	34.141	5.35	26.17	185	189	0.5717
242	8.61	34.004	5.21	250	8.13	34.017	5.23	26.50	154	157	0.6586
291	5.67	34.085	5.37	300	5.54	34.087	5.35	26.91	115	118	0.7277
389	4.26	34.114	5.21	400	4.16	34.104	5.18	27.07	099	102	0.8385
486	3.39	34.028	4.96								

GYUNGBUG 853 , STATION 102-10 , 36-04.6. N, 130-55.1. E, AUG.18,1987, 20:35 KST,
 DEPTH 1440 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 4 , BARO 1015. ,
 AIR TEMP. DRY 22.5, WET , CLOUD, TYPE , AMT , WEATHER

0	23.94	33.093	4.81	0	23.94	33.093	4.81	22.23	560	560	0.0000
10	23.91	33.031	4.85	10	23.91	33.031	4.85	22.20	564	564	0.0562

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
20	20.96	33.718	5.21	20	20.96	33.718	5.21	23.55	435	435	0.1061
30	19.53	33.740	5.16	30	19.53	33.740	5.16	23.94	397	398	0.1478
50	17.84	34.101	4.86	50	17.84	34.101	4.86	24.64	330	332	0.2208
75	15.68	34.327	4.49	75	15.68	34.327	4.49	25.32	266	268	0.2959
99	14.94	34.438	4.69	100	14.92	34.429	4.70	25.56	242	245	0.3601
123	14.57	34.228	4.96	125	14.33	34.252	4.97	25.55	243	246	0.4216
146	11.82	34.512	5.16	150	11.65	34.484	5.19	26.27	176	179	0.4749
194	9.89	34.177	5.57	200	9.58	34.163	5.55	26.38	164	168	0.5618
244	7.35	34.064	5.42	250	6.95	34.060	5.41	26.70	134	138	0.6386
293	4.11	34.033	5.37	300	3.92	34.031	5.36	27.04	102	104	0.6993
390	1.51	34.016	5.36	400	1.42	34.019	5.32	27.25	083	083	0.7936
488	0.66	34.051	5.06								

GYUNGRUC 853 , STATION 102-11 , 36-04.6. N, 131-13.6. E, AUG. 18, 1987, 20:35 KST,
 DEPTH 1780 , COLOR , TRANS. , WAVE NF 2, SWELL NF 1, WIND NE 4 , BARO 1015.5,
 AIR TEMP, DRY 22.0, WET , CLOUD, TYPE , AMT , WEATHER

0	23.25	33.013	4.81	0	23.25	33.013	4.81	22.37	547	546	0.0000
10	23.23	33.471	4.86	10	23.23	33.471	4.86	22.73	513	513	0.0530
20	20.90	33.867	5.06	20	20.90	33.867	5.06	23.68	422	423	0.0998
30	18.86	34.041	5.11	30	18.86	34.041	5.11	24.34	359	360	0.1389
50	16.14	34.131	4.76	50	16.14	34.131	4.76	25.06	290	291	0.2041
75	14.76	34.369	4.45	75	14.76	34.369	4.45	25.55	243	245	0.2713
100	13.40	34.443	4.76	100	13.40	34.443	4.76	25.89	211	213	0.3287
124	10.78	34.104	5.21	125	10.69	34.103	5.22	26.15	187	189	0.3792
148	8.69	34.084	5.47	150	8.59	34.083	5.47	26.48	155	158	0.4227
197	6.41	34.070	5.67	200	6.25	34.069	5.65	26.80	125	127	0.4942
248	3.69	34.053	5.36	250	3.60	34.055	5.35	27.09	097	099	0.5509
296	1.69	34.106	5.26	300	1.65	34.102	5.25	27.30	078	079	0.5955
395	0.87	34.015	5.06	400	0.85	34.015	5.06	27.28	079	079	0.6750
494	0.58	34.027	5.06								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

10月(October)

GYUNGBUG 853 , STATION 102-04 , 36-04.6. N, 129-36.9. E, OCT. 11. 1987, 14:00 KST,
 DEPTH 52 , COLOR 2, TRANS. 24.0, WAVE SW 1, SWELL SW 1, WIND SW 1 , BARO 1014.5,
 AIR TEMP. DRY 25.0, WET , CLOUD, TYPE AS, AMT 08, WEATHER C

0	21.24	32.783	4.87	0	21.24	32.783	4.87	22.76	510	509	0.0000
10	21.65	32.761	4.92	10	21.65	32.761	4.92	22.63	522	522	0.0516
20	17.11	33.312	4.67	20	17.11	33.312	4.67	24.21	371	372	0.0963
30	13.51	34.036	3.73	30	13.51	34.036	3.73	25.56	243	243	0.1271
50	9.20	34.256	4.17	50	9.20	34.256	4.17	26.52	152	152	0.1667

GYUNGBUG 853 , STATION 102-05 , 36-04.6. N, 129-41.3. E, OCT. 11. 1987, 13:10 KST,
 DEPTH 210 , COLOR 2, TRANS. 24.0, WAVE SW 1, SWELL SW 1, WIND SW 1 , BARO 1014.5,
 AIR TEMP. DRY 26.0, WET , CLOUD, TYPE AS, AMT 07, WEATHER BC

0	21.16	32.827	4.86	0	21.16	32.827	4.86	22.82	504	504	0.0000
10	20.48	32.796	4.96	10	20.48	32.796	4.96	22.97	489	489	0.0497
20	18.23	33.098	4.77	20	18.23	33.098	4.77	23.78	413	413	0.0948
30	14.66	33.680	3.87	30	14.66	33.680	3.87	25.04	292	292	0.1301
50	10.85	34.242	3.87	50	10.85	34.242	3.87	26.23	179	180	0.1775
75	7.81	34.250	4.32	75	7.81	34.250	4.32	26.73	132	133	0.2167
98	3.55	34.123	4.92	100	3.42	34.117	4.94	27.16	091	091	0.2448
122	2.01	34.053	5.17	125	1.91	34.052	5.15	27.24	084	084	0.2668
146	1.24	34.051	5.07	150	1.21	34.049	5.07	27.28	079	079	0.2873
197	0.97	34.036	5.17								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 102-06 , 36-04.6. N, 129-47.8. E, OCT. 11. 1987, 12:10 KST,
 DEPTH 700 , COLOR 2, TRANS. 24.0, WAVE SW 1, SWELL SW 1, WIND SW 1, BARO 1015. ,
 AIR TEMP. DRY 25.0, WET , CLOUD. TYPE AS, AMT 09, WEATHER C

0	22.47	32.527	4.87	0	22.47	32.527	4.87	22.23	560	560	0.0000
10	22.10	32.500	4.92	10	22.10	32.500	4.92	22.31	553	553	0.0556
20	23.33	33.574	4.67	20	23.33	33.574	4.67	22.78	508	509	0.1087
30	22.38	33.883	4.37	30	22.38	33.883	4.37	23.28	460	461	0.1573
50	16.20	33.868	4.17	50	16.20	33.868	4.17	24.85	311	312	0.2346
75	16.29	34.224	3.92	75	16.29	34.224	3.92	25.10	287	288	0.3097
99	7.57	34.252	4.27	100	7.33	34.244	4.28	26.79	126	127	0.3618
124	1.67	34.067	4.76	125	1.65	34.065	4.76	27.27	081	081	0.3879
147	1.34	34.033	4.86	150	1.30	34.034	4.88	27.27	081	081	0.4082
197	0.81	34.054	5.22	200	0.80	34.055	5.22	27.32	076	076	0.4476
248	0.72	34.072	5.22	250	0.71	34.071	5.22	27.33	074	074	0.4854
296	0.58	34.053	5.22	300	0.57	34.054	5.22	27.33	075	075	0.5229
396	0.50	34.080	5.26	400	0.49	34.079	5.26	27.35	073	072	0.5968
494	0.41	34.064	5.26								

GYUNGBUG 853 , STATION 102-07 , 36-04.6. N, 130-00.0. E, OCT. 11. 1987, 10:40 KST,
 DEPTH 1390 , COLOR 3, TRANS. 15.0, WAVE SE 1, SWELL SE 1, WIND SE 1, BARO 1015. ,
 AIR TEMP. DRY 24.0, WET , CLOUD. TYPE AS, AMT 08, WEATHER C

0	23.01	33.467	4.82	0	23.01	33.467	4.82	22.79	507	507	0.0000
10	22.92	33.446	4.77	10	22.92	33.446	4.77	22.80	506	506	0.0507
20	23.21	33.621	4.77	20	23.21	33.621	4.77	22.85	501	502	0.1011
30	23.62	33.891	4.77	30	23.62	33.891	4.77	22.93	493	494	0.1509
50	23.70	34.038	4.27	50	23.70	34.038	4.27	23.02	485	486	0.2491
75	17.59	34.165	3.98	75	17.59	34.165	3.98	24.75	320	322	0.3502
98	15.27	34.316	3.68	100	15.28	34.329	3.70	25.41	257	260	0.4231
124	15.51	34.491	3.98	125	15.46	34.490	4.00	25.49	249	253	0.4873
148	14.39	34.467	4.58	150	13.91	34.450	4.60	25.79	220	224	0.5470

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
197	2.80	34.067	5.26	200	2.71	34.065	5.24	27.18	089	090	0.6257
247	1.43	34.048	5.07	250	1.39	34.051	5.07	27.27	080	080	0.6684
296	0.86	34.104	5.07	300	0.84	34.105	5.07	27.35	073	073	0.7068
396	0.55	34.137	5.07	400	0.54	34.133	5.07	27.39	069	068	0.7778
494	0.39	34.057	5.07								

GYUNGBUG 853 , STATION 102-08 , 36-04.6. N, 130-18.4. E, OCT. 11, 1987, 08:40 KST,
 DEPTH 1530 , COLOR 3, TRANS. 16.0, WAVE NE 1, SWELL NE 1, WIND NE 1 , BARO 1016. ,
 AIR TEMP. DRY 23.0, WET , CLOUD, TYPE AS, AMT 08, WEATHER C

0	22.79	33.237	4.67	0	22.79	33.237	4.67	22.68	518	517	0.0000
10	22.80	33.161	4.77	10	22.80	33.161	4.77	22.62	524	524	0.0521
20	23.13	33.321	4.72	20	23.13	33.321	4.72	22.64	521	521	0.1043
30	22.87	33.315	4.86	30	22.87	33.315	4.86	22.71	514	515	0.1562
50	23.33	33.525	4.47	50	23.33	33.525	4.47	22.74	512	513	0.2591
75	20.80	33.664	4.27	75	20.80	33.664	4.27	23.55	434	436	0.3779
98	18.46	34.031	3.68	100	18.32	34.071	3.68	24.50	344	347	0.4759
123	16.73	34.543	3.73	125	16.60	34.545	3.80	25.27	270	274	0.5536
147	15.26	34.573	4.67	150	14.90	34.555	4.71	25.66	233	237	0.6174
198	9.19	34.270	5.46	200	8.91	34.262	5.45	26.57	147	150	0.7144
248	2.37	34.081	5.26	250	2.31	34.080	5.25	27.23	084	085	0.7736
297	1.04	34.065	5.17	300	1.02	34.064	5.16	27.31	077	077	0.8144
397	0.67	34.062	5.07	400	0.66	34.063	5.07	27.33	075	075	0.8905
496	0.38	34.097	5.07								

GYUNGBUG 853 , STATION 102-09 , 36-04.6. N, 130-36.9. E, OCT. 11, 1987, 06:45 KST,
 DEPTH 1880 , COLOR , TRANS. , WAVE NE 1, SWELL NE 1, WIND NE 2 , BARO 1016. ,
 AIR TEMP. DRY 20.5, WET , CLOUD, TYPE , AMT , WEATHER

0	22.52	32.855	4.87	0	22.52	32.855	4.87	22.46	538	538	0.0000
10	22.52	32.848	4.87	10	22.52	32.848	4.87	22.46	539	539	0.0538

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
20	22.68	32.883	4.81	20	22.68	32.883	4.81	22.44	540	541	0.1078
30	22.87	33.020	4.82	30	22.87	33.020	4.82	22.49	536	536	0.1617
50	23.66	33.819	4.37	50	23.66	33.819	4.37	22.86	500	501	0.2656
75	18.38	34.000	3.87	75	18.38	34.000	3.87	24.43	350	352	0.3724
98	16.51	34.214	3.68	100	16.46	34.216	3.67	25.05	291	294	0.4532
124	15.95	34.252	3.63	125	15.71	34.252	3.66	25.25	272	275	0.5245
148	10.31	34.270	4.58	150	10.26	34.268	4.61	26.35	168	170	0.5803
197	9.14	34.225	5.47	200	8.84	34.217	5.46	26.55	149	152	0.6613
248	4.05	34.104	5.31	250	3.97	34.102	5.31	27.09	097	099	0.7244
298	2.05	34.068	5.36	300	2.02	34.067	5.35	27.24	083	084	0.7704
397	0.83	34.059	5.17	400	0.82	34.059	5.16	27.32	076	076	0.8509
496	0.67	34.081	5.07								

GYUNGBUG 853 , STATION 102-10 , 36-04.6. N, 130-55.1. E, OCT. 11, 1987, 04:50 KST,
 DEPTH 1440 , COLOR , TRANS. , WAVE NE 1. SWELL NE 1, WIND NE 2 , BARO 1016. ,
 AIR TEMP. DRY 20.7, WET , CLOUD. TYPE , AMT , WEATHER

0	21.21	33.134	4.80	0	21.21	33.134	4.80	23.04	483	483	0.0000
10	21.22	33.128	4.85	10	21.22	33.128	4.85	23.03	484	484	0.0484
20	21.12	33.140	4.76	20	21.12	33.140	4.76	23.06	481	481	0.0967
30	20.92	33.169	4.91	30	20.92	33.169	4.91	23.14	473	474	0.1444
50	19.59	33.632	4.58	50	19.59	33.632	4.58	23.84	406	408	0.2327
75	16.83	34.042	4.28	75	16.83	34.042	4.28	24.83	312	314	0.3230
98	15.37	34.328	4.74	100	15.07	34.328	4.74	25.45	253	255	0.3942
123	11.64	34.339	4.85	125	11.41	34.331	4.88	26.19	182	185	0.4494
147	8.92	34.254	5.26	150	8.66	34.243	5.27	26.59	144	147	0.4910
198	4.59	34.081	5.56	200	4.52	34.079	5.54	27.02	104	106	0.5545
247	2.93	34.052	5.31	250	2.86	34.052	5.30	27.16	091	092	0.6043
297	1.88	34.062	5.27	300	1.85	34.062	5.26	27.25	082	083	0.6484
396	0.90	34.086	5.07	400	0.88	34.084	5.07	27.33	074	074	0.7276
495	0.56	34.045	5.07								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 102-11 , 36-04.6. N, 131-13.6. E, OCT. 11. 1987, 02:50 KST,
 DEPTH 1780 , COLOR , TRANS. , WAVE NE 1, SWELL NE 1, WIND NE 1 , BARO 1016.5,
 AIR TEMP. DRY 21.0. WET , CLOUD. TYPE , AMT , WEATHER

0	21.30	33.128	4.86	0	21.30	33.128	4.86	23.01	486	486	0.0000
10	21.00	33.076	4.87	10	21.00	33.076	4.87	23.05	482	482	0.0484
20	21.00	33.133	4.87	20	21.00	33.133	4.87	23.09	478	478	0.0965
30	20.60	33.349	4.82	30	20.60	33.349	4.82	23.36	452	453	0.1431
50	19.35	33.634	4.72	50	19.35	33.634	4.72	23.90	400	402	0.2286
75	16.91	34.055	4.76	75	16.91	34.055	4.76	24.83	313	315	0.3182
100	14.30	34.355	4.77	100	14.30	34.355	4.77	25.64	235	238	0.3874
123	11.98	34.302	4.68	125	11.74	34.295	4.73	26.11	191	193	0.4414
148	8.98	34.222	5.33	150	8.79	34.215	5.34	26.55	149	151	0.4846
197	4.55	34.057	5.65	200	4.41	34.055	5.63	27.01	105	107	0.5493
248	2.32	34.031	5.42	250	2.28	34.027	5.41	27.19	088	089	0.5985
296	1.38	33.953	5.24	300	1.35	33.956	5.23	27.20	087	087	0.6428
398	0.70	34.049	5.13	400	0.69	34.049	5.12	27.32	076	076	0.7248
497	0.42	34.067	4.95								

12月(December)

GYUNGBUG 853 , STATION 102-04 , 36-04.6. N, 129-36.9. E, DEC. 21. 1987, 11:40 KST,
 DEPTH 62 , COLOR , TRANS. , WAVE NW 3, SWELL NW 1, WIND NW 4 , BARO 1026.5,
 AIR TEMP. DRY 11.5. WET , CLOUD. TYPE , AMT 04, WEATHER BC

0	15.43	34.239	5.32	0	15.43	34.239	5.32	25.31	267	267	0.0000
10	15.64	34.234	5.22	10	15.64	34.234	5.22	25.25	272	272	0.0269
20	14.77	34.113	5.27	20	14.77	34.113	5.27	25.35	263	263	0.0537
30	14.15	34.091	5.28	30	14.15	34.091	5.28	25.47	252	252	0.0795
50	11.69	34.395	5.38	50	11.69	34.395	5.38	26.19	184	184	0.1231

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 102-05 , 36-04.6. N, 129-41.3. E, DEC.21.1987, 12:10 KST,
 DEPTH 210 , COLOR , TRANS. 12.0, WAVE NW 1, SWELL NW 1, WIND NW 3 , BARO 1026. ,
 AIR TEMP. DRY 12.0, WET , CLOUD. TYPE , AMT 02, WEATHER B

0	16.23	34.299	5.61	0	16.23	34.299	5.61	25.17	280	279	0.0000
10	16.12	34.263	5.76	10	16.12	34.263	5.76	25.17	280	280	0.0280
20	15.96	34.233	5.66	20	15.96	34.233	5.66	25.18	279	279	0.0560
30	15.56	34.146	5.45	30	15.56	34.146	5.45	25.20	277	277	0.0838
50	15.44	34.184	5.45	50	15.44	34.184	5.45	25.26	271	272	0.1389
75	12.32	34.177	5.48	75	12.32	34.177	5.48	25.90	210	212	0.1995
98	4.47	34.141	5.86	100	4.26	34.135	5.87	27.09	098	098	0.2383
123	1.85	34.075	6.08	125	1.79	34.077	6.07	27.27	081	081	0.2608
147	1.17	34.102	6.03	150	1.13	34.101	6.03	27.33	075	075	0.2804
196	0.60	34.099	6.08								

GYUNGBUG 853 , STATION 102-06 , 36-04.6. N, 129-47.8. E, DEC.21.1987, 13:25 KST,
 DEPTH 700 , COLOR , TRANS. 15.0, WAVE NW 1, SWELL NW 1, WIND NW 3 , BARO 1025. ,
 AIR TEMP. DRY 11.9, WET , CLOUD. TYPE , AMT 02, WEATHER B

0	16.08	34.208	5.97	0	16.08	34.208	5.97	25.13	283	283	0.0000
10	16.00	34.206	5.87	10	16.00	34.206	5.87	25.15	282	282	0.0282
20	16.07	34.187	5.86	20	16.07	34.187	5.86	25.12	284	285	0.0566
30	15.76	34.136	5.43	30	15.76	34.136	5.43	25.15	282	282	0.0850
50	15.76	34.156	5.43	50	15.76	34.156	5.43	25.17	280	281	0.1414
75	15.76	34.172	5.39	75	15.76	34.172	5.39	25.18	279	281	0.2118
99	15.65	34.391	5.56	100	15.46	34.378	5.58	25.41	257	260	0.2795
123	11.10	34.098	6.05	125	10.99	34.095	6.05	26.09	193	195	0.3365
148	9.80	34.065	6.05	150	9.68	34.064	6.05	26.29	173	176	0.3830
198	6.90	34.057	6.07	200	6.79	34.057	6.06	26.72	132	135	0.4610
247	4.30	34.069	6.04	250	4.06	34.069	6.03	27.06	101	103	0.5206
297	0.40	34.070	5.88	300	0.39	34.070	5.87	27.35	073	072	0.5646
396	0.29	34.080	5.61	400	0.28	34.079	5.61	27.36	071	071	0.6367
495	0.25	34.073	5.61								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
GYUNGBUC 853 , STATION 102-07 , 36-04.6. N, 130-00.0. E, DEC.22.1987, 10:30 KST, DEPTH 1390 , COLOR 3, TRANS. 13.0, WAVE NW 1, SWELL NW 1, WIND NW 3 , BARO 1025. , AIR TEMP. DRY 11.9, WET , CLOUD. TYPE , AMT 04, WEATHER BC											
0	14.25	34.022	5.72	0	14.25	34.022	5.72	25.39	259	258	0.0000
10	14.25	34.014	5.76	10	14.25	34.014	5.76	25.39	259	259	0.0259
20	14.22	34.033	5.87	20	14.22	34.033	5.87	25.41	257	257	0.0517
30	14.19	34.040	5.55	30	14.19	34.040	5.55	25.42	256	257	0.0775
50	14.10	34.024	5.55	50	14.10	34.024	5.55	25.43	255	256	0.1289
75	13.40	34.018	5.52	75	13.40	34.018	5.52	25.57	242	244	0.1915
98	13.15	34.289	5.57	100	13.06	34.294	5.59	25.85	215	218	0.2493
123	12.11	34.355	5.83	125	11.77	34.344	5.85	26.14	188	190	0.3004
148	7.93	34.229	6.17	150	7.72	34.227	6.17	26.72	132	134	0.3412
197	2.97	34.184	6.28	200	2.85	34.178	6.26	27.26	081	082	0.3956
247	1.04	34.088	6.02	250	1.00	34.083	6.01	27.33	075	075	0.4352
297	0.52	34.010	5.88	300	0.51	34.011	5.87	27.30	078	077	0.4737
396	0.45	34.067	5.69	400	0.44	34.067	5.68	27.35	073	073	0.5493
496	0.39	34.068	5.52								
GYUNGBUC 853 , STATION 102-08 , 36-04.6. N, 130-18.4. E, DEC.24.1987, 13:20 KST, DEPTH 1530 , COLOR , TRANS. 16.0, WAVE SW 1, SWELL SW 1, WIND SW 3 , BARO 1028. , AIR TEMP. DRY 13.5, WET , CLOUD. TYPE , AMT 04, WEATHER BC											
0	13.60	34.071	5.55	0	13.60	34.071	5.55	25.57	242	242	0.0000
10	13.90	34.098	5.55	10	13.90	34.098	5.55	25.53	246	246	0.0244
20	13.75	34.051	5.53	20	13.75	34.051	5.53	25.52	246	247	0.0491
30	13.74	34.040	5.69	30	13.74	34.040	5.69	25.51	247	248	0.0738
50	13.53	34.065	5.53	50	13.53	34.065	5.53	25.58	241	242	0.1229
75	13.20	34.058	5.48	75	13.20	34.058	5.48	25.64	235	237	0.1829
99	12.44	34.019	5.58	100	12.35	34.020	5.58	25.78	222	224	0.2407
123	10.33	34.055	5.68	125	10.01	34.058	5.67	26.23	179	181	0.2915
147	6.50	34.091	5.61	150	6.28	34.088	5.61	26.81	124	126	0.3300

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
197	2.97	34.043	5.69	200	2.86	34.045	5.68	27.15	091	092	0.3847
246	1.24	34.090	5.68	250	1.20	34.089	5.67	27.32	076	076	0.4271
296	0.79	34.082	5.59	300	0.78	34.082	5.58	27.34	074	074	0.4648
396	0.72	34.091	5.57	400	0.70	34.091	5.56	27.35	073	073	0.5386
495	0.39	34.091	5.48								

GYUNGBUG 853 , STATION 102-09 , 36-04.6. N, 130-36.9. E, DEC. 24, 1987, 15:25 KST,
 DEPTH 1880 , COLOR , TRANS. 13.0, WAVE SW 1, SWELL SW 1, WIND SW 4 , BARO 1027. ,
 AIR TEMP. DRY 14.1, WET , CLOUD, TYPE , AMT 02, WEATHER B

0	13.50	34.047	5.59	0	13.50	34.047	5.59	25.57	242	242	0.0000
10	13.60	34.027	5.51	10	13.60	34.027	5.51	25.53	245	245	0.0243
20	13.60	34.043	5.38	20	13.60	34.043	5.38	25.55	244	244	0.0489
30	13.40	34.029	5.59	30	13.40	34.029	5.59	25.58	241	242	0.0732
50	13.20	34.066	5.53	50	13.20	34.066	5.53	25.64	235	236	0.1211
75	13.18	34.004	5.48	75	13.18	34.004	5.48	25.60	239	240	0.1807
98	11.64	34.293	5.75	100	11.27	34.281	5.75	26.18	184	186	0.2341
123	7.04	34.145	5.79	125	6.80	34.138	5.79	26.78	126	128	0.2734
148	4.07	34.066	5.79	150	4.03	34.064	5.78	27.06	101	102	0.3023
198	3.18	34.037	5.59	200	3.08	34.039	5.57	27.13	094	095	0.3517
247	0.93	34.100	5.33	250	0.91	34.097	5.32	27.34	074	074	0.3940
297	0.75	34.050	5.17	300	0.74	34.050	5.17	27.32	076	076	0.4316
396	0.53	34.064	5.17	400	0.52	34.064	5.17	27.34	074	074	0.5069
495	0.42	34.065	5.22								

GYUNGBUG 853 , STATION 102-10 , 36-04.6. N, 130-55.1. E, DEC. 24, 1987, 17:35 KST,
 DEPTH 1440 , COLOR , TRANS. , WAVE SW 1, SWELL SW 1, WIND SW 4 , BARO 1027.5,
 AIR TEMP. DRY 13.5, WET , CLOUD, TYPE , AMT 02, WEATHER B

0	13.30	34.074	5.69	0	13.30	34.074	5.69	25.63	236	236	0.0000
10	14.12	34.067	5.53	10	14.12	34.067	5.53	25.46	253	253	0.0244

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
20	14.18	34.087	5.69	20	14.18	34.087	5.69	25.46	252	253	0.0497
30	14.00	34.082	5.59	30	14.00	34.082	5.59	25.49	249	250	0.0749
50	14.10	34.068	5.60	50	14.10	34.068	5.60	25.46	252	253	0.1253
75	13.80	34.074	5.59	75	13.80	34.074	5.59	25.53	246	247	0.1880
99	8.85	34.213	5.57	100	8.68	34.208	5.57	26.56	147	149	0.2376
123	4.88	34.102	5.59	125	4.72	34.100	5.59	27.01	105	106	0.2696
148	2.88	34.088	5.59	150	2.81	34.084	5.58	27.19	088	089	0.2941
198	1.30	34.000	5.37	200	1.28	34.002	5.36	27.24	083	083	0.3373
247	1.01	34.054	5.27	250	0.99	34.054	5.27	27.30	077	077	0.3777
296	0.76	34.058	5.28	300	0.74	34.058	5.28	27.32	076	075	0.4161
396	0.37	34.058	5.48	400	0.36	34.058	5.47	27.34	073	073	0.4908
495	0.33	34.064	5.38								

GYUNGBUG 853 , STATION 102-11 , 36-04.6. N, 131-13.6. E, DEC. 24, 1987, 19:35 KST.
 DEPTH 1780 , COLOR , TRANS. , WAVE SW 1, SWELL SW 1, WIND SW 4 , BARO 1028.5.
 AIR TEMP. DRY 13.5, WET , CLOUD. TYPE , AMT , WEATHER

0	13.75	34.043	5.69	0	13.75	34.043	5.69	25.51	247	247	0.0000
10	13.70	34.039	5.59	10	13.70	34.039	5.59	25.52	246	246	0.0247
20	13.75	34.030	5.64	20	13.75	34.030	5.64	25.50	248	248	0.0494
30	13.65	34.019	5.69	30	13.65	34.019	5.69	25.52	247	247	0.0743
50	13.35	34.017	5.69	50	13.35	34.017	5.69	25.58	241	242	0.1233
75	13.42	34.021	5.38	75	13.42	34.021	5.38	25.56	242	244	0.1842
98	8.78	34.322	5.32	100	8.36	34.303	5.31	26.69	136	137	0.2319
123	3.61	34.086	5.31	125	3.60	34.081	5.31	27.11	095	096	0.2612
148	3.53	34.032	5.38	150	3.43	34.032	5.38	27.09	097	098	0.2856
197	1.14	34.032	5.40	200	1.12	34.034	5.39	27.28	080	080	0.3303
247	0.81	34.074	5.39	250	0.80	34.073	5.38	27.33	075	075	0.3691
296	0.70	34.059	5.38	300	0.68	34.060	5.38	27.33	075	075	0.4068
395	0.38	34.086	5.38	400	0.38	34.087	5.38	27.37	071	071	0.4802
495	0.38	34.107	5.38								

209 線 海洋觀測 成績 Oceanographic Data. Line 209

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

2 月(February)

GYUNGBUG 853 , STATION 209-04 , 35-47.3. N, 129-32.8. E, FEB. 9. 1987, 19:50 KST,
 DEPTH 64 , COLOR , TRANS. , WAVE SW 4, SWELL SW 2, WIND SW 6 , BARO 1021. ,
 AIR TEMP. DRY 13.5, WET , CLOUD, TYPE , AMT , WEATHER B

0	12.85	34.497	5.88	0	12.85	34.497	5.88	26.05	196	196	0.0000
10	12.77	34.498	5.82	10	12.77	34.498	5.82	26.06	195	195	0.0195
20	12.64	34.471	5.73	20	12.64	34.471	5.73	26.07	194	195	0.0391
30	12.38	34.506	5.64	30	12.38	34.506	5.64	26.15	187	187	0.0582
50	12.10	34.499	5.69	50	12.10	34.499	5.69	26.20	182	183	0.0954
62	11.57	34.403	5.73								

GYUNGBUG 853 , STATION 209-05 , 35-45.4. N, 129-38.4. E, FEB. 9. 1987, 17:40 KST,
 DEPTH 150 , COLOR , TRANS. , WAVE SW 5, SWELL SW 2, WIND SW 6 , BARO 1022. ,
 AIR TEMP. DRY 14.0, WET , CLOUD, TYPE , AMT 00, WEATHER B

0	13.50	34.637	6.03	0	13.50	34.637	6.03	26.02	199	198	0.0000
10	13.50	34.590	5.79	10	13.50	34.590	5.79	25.99	202	202	0.0200
20	13.50	34.550	5.68	20	13.50	34.550	5.68	25.96	205	205	0.0404
30	13.32	34.508	5.65	30	13.32	34.508	5.65	25.96	205	205	0.0610
50	12.81	34.528	5.63	50	12.81	34.528	5.63	26.08	193	194	0.1010
75	12.08	34.490	5.58	75	12.08	34.490	5.58	26.19	183	184	0.1485
100	12.00	34.442	5.84	100	12.00	34.442	5.84	26.17	185	187	0.1950
122	11.07	34.355	5.67	125	10.30	34.331	5.64	26.39	164	166	0.2392
145	5.24	34.171	5.47								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
GYUNGBUG 853 , STATION 209--06 , 35-41.3. N, 129-49.0. E, FEB. 9. 1987, 16:15 KST, DEPTH 250 , COLOR 2. TRANS. 14.0, WAVE SW 5, SWELL SW 2, WIND SW 6 , BARO 1022. , AIR TEMP. DRY 14.5, WET , CLOUD. TYPE , AMT 00, WEATHER B											
0	13.28	34.531	5.96	0	13.28	34.531	5.96	25.99	202	202	0.0000
10	13.28	34.534	6.07	10	13.28	34.534	6.07	25.99	202	202	0.0202
21	13.28	34.534	6.00	20	13.28	34.534	6.00	25.99	202	202	0.0404
28	13.27	34.534	6.03	30	13.26	34.533	6.01	25.99	202	202	0.0607
50	13.23	34.528	5.82	50	13.23	34.528	5.82	26.00	201	202	0.1013
76	13.01	34.506	5.62	75	13.01	34.506	5.62	26.02	199	200	0.1517
99	12.85	34.492	5.84	100	12.79	34.487	5.83	26.05	196	198	0.2017
126	11.41	34.375	5.71	125	11.46	34.379	5.71	26.22	180	182	0.2494
151	6.92	34.128	5.66	150	7.09	34.137	5.66	26.74	130	132	0.2889
200	2.76	34.057	5.60	200	2.76	34.057	5.60	27.17	090	091	0.3449
245	1.65	34.074	5.52								
GYUNGBUG 853 , STATION 209--07 , 35-36.8. N, 130-00.3. E, FEB. 9. 1987, 14:50 KST, DEPTH 250 , COLOR 2. TRANS. 13.0, WAVE SW 4, SWELL SW 2, WIND SW 6 , BARO 1021. , AIR TEMP. DRY 15.5, WET , CLOUD. TYPE , AMT 00, WEATHER B											
0	13.12	34.508	5.94	0	13.12	34.508	5.94	26.00	201	200	0.0000
12	13.12	34.509	6.04	10	13.12	34.508	6.02	26.00	201	201	0.0201
20	13.13	34.514	5.93	20	13.13	34.514	5.93	26.00	200	201	0.0402
30	13.13	34.513	6.02	30	13.13	34.513	6.02	26.00	201	201	0.0603
50	13.11	34.509	6.03	50	13.11	34.509	6.03	26.00	200	201	0.1007
74	12.78	34.471	5.83	75	12.74	34.467	5.82	26.05	197	198	0.1507
100	11.75	34.368	5.72	100	11.75	34.368	5.72	26.16	186	188	0.1991
125	8.75	34.084	5.61	125	8.75	34.084	5.61	26.46	158	160	0.2426
149	5.43	33.990	5.51	150	5.36	33.991	5.51	26.85	120	122	0.2779
200	2.13	34.056	5.79	200	2.13	34.056	5.79	27.22	085	085	0.3299
245	1.61	34.071	5.62								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUC 853 , STATION 209-08 , 35-30.8. N, 130-16.9. E, FEB. 9.1987, 12:55 KST,
 DEPTH 200 , COLOR 2, TRANS. 15.0, WAVE SW 4, SWELL SW 2, WIND SW 6 , BARO 1022.5,
 AIR TEMP. DRY 14.0, WFT , CLOUD, TYPE , AMT 00, WEATHER B

0	12.85	34.488	6.02	0	12.85	34.488	6.02	26.04	197	197	0.0000
11	12.85	34.489	5.92	10	12.85	34.488	5.92	26.04	197	197	0.0197
18	12.84	34.490	5.87	20	12.80	34.484	5.87	26.05	196	197	0.0394
30	12.61	34.455	5.92	30	12.61	34.455	5.92	26.06	195	195	0.0591
49	11.06	34.262	6.02	50	11.05	34.261	6.01	26.21	181	182	0.0969
74	10.94	34.259	5.97	75	10.92	34.258	5.97	26.23	179	181	0.1424
100	10.66	34.237	6.02	100	10.66	34.237	6.02	26.26	176	178	0.1875
126	5.42	33.825	6.07	125	5.62	33.840	6.06	26.70	134	136	0.2268
150	3.76	34.057	5.83	150	3.76	34.057	5.83	27.08	099	100	0.2563
193	1.61	34.079	5.87								

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GYUNGBUC 853 , STATION 209-09 , 35-24.4. N, 130-33.5. E, FEB. 9.1987, 10:00 KST,
 DEPTH 150 , COLOR 2, TRANS. 16.0, WAVE SW 4, SWELL SW 2, WIND SW 6 , BARO 1023. ,
 AIR TEMP. DRY 13.5, WFT , CLOUD, TYPE , AMT 00, WEATHER B

0	14.07	34.600	5.91	0	14.07	34.600	5.91	25.88	213	212	0.0000
9	14.06	34.602	5.73	10	14.05	34.601	5.75	25.88	212	212	0.0212
20	14.05	34.601	6.02	20	14.05	34.601	6.02	25.88	212	212	0.0425
31	13.97	34.595	5.81	30	13.97	34.595	5.82	25.89	211	212	0.0637
51	13.73	34.564	5.83	50	13.74	34.565	5.82	25.92	209	210	0.1060
74	12.37	34.587	5.92	75	12.32	34.573	5.91	26.21	181	183	0.1551
99	11.33	34.245	5.83	100	11.13	34.239	5.83	26.17	184	186	0.2014
124	6.44	34.102	5.92	125	6.19	34.101	5.90	26.83	122	123	0.2402
146	1.04	34.087	5.55								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 209-10 , 35-17.8. N. 130-50.0. E, FEB. 9.1987, 08:10 KST,
 DEPTH 140 , COLOR 2, TRANS. 17.0, WAVE SW 4, SWELL SW 2, WIND SW 6 , BARO 1024. ,
 AIR TEMP. DRY 13.0, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	13.54	34.554	5.84	0	13.54	34.554	5.84	25.95	205	205	0.0000
11	13.54	34.554	5.90	10	13.54	34.554	5.89	25.95	205	205	0.0205
21	13.50	34.545	5.90	20	13.50	34.545	5.90	25.95	205	206	0.0411
30	13.52	34.555	6.07	30	13.52	34.555	6.07	25.96	205	206	0.0617
51	12.54	34.415	6.12	50	12.58	34.421	6.11	26.04	197	198	0.1022
76	12.42	34.405	5.92	75	12.42	34.405	5.92	26.06	195	197	0.1516
100	11.87	34.339	5.97	100	11.87	34.339	5.97	26.11	190	192	0.2004
125	3.64	34.085	5.97	125	3.64	34.085	5.97	27.11	095	096	0.2365
128	3.58	34.116	5.92								

GYUNGBUG 853 , STATION 209-11 , 35-11.4. N. 131-06.6. E, FEB. 9.1987, 06:20 KST,
 DEPTH 140 , COLOR 2, TRANS. 16.0, WAVE SW 3, SWELL SW 2, WIND SW 5 , BARO 1024. ,
 AIR TEMP. DRY 13.0, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	14.34	34.647	5.82	0	14.34	34.647	5.82	25.86	215	214	0.0000
10	14.41	34.645	6.07	10	14.41	34.645	6.07	25.84	216	216	0.0215
21	14.41	34.646	5.87	20	14.41	34.645	5.88	25.84	216	216	0.0432
29	14.42	34.645	5.76	30	14.42	34.644	5.75	25.84	216	217	0.0649
50	14.43	34.643	5.60	50	14.43	34.643	5.60	25.83	217	218	0.1085
74	14.38	34.636	5.59	75	14.34	34.632	5.59	25.84	216	218	0.1630
101	13.49	34.540	5.62	100	13.52	34.543	5.61	25.95	206	208	0.2163
118	12.61	34.422	5.69								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

4 月(April)

GYUNGRUG 853 , STATION 209-04 , 35-47.3. N, 129-32.8. E, APR. 14. 1987, 13:00 KST,
 DEPTH 60 , COLOR 3, TRANS, 11.0, WAVE SE 1, SWELL SE 1, WIND SE 2 , BARO 1026.5,
 AIR TEMP. DRY 14.0, WET , CLOUD, TYPE SC, AMT 07, WEATHER BC

0	13.58	34.465	6.31	0	13.58	34.465	6.31	25.87	213	212	0.0000
10	13.18	34.469	6.46	10	13.18	34.469	6.46	25.96	205	205	0.0209
20	13.14	34.508	6.40	20	13.14	34.508	6.40	26.00	201	201	0.0412
30	13.09	34.464	6.36	30	13.09	34.464	6.36	25.97	203	204	0.0615
50	12.92	34.444	6.25	50	12.92	34.444	6.25	25.99	202	203	0.1023

GYUNGRUG 853 , STATION 209-05 , 35-45.4. N, 129-38.4. E, APR. 14. 1987, 14:00 KST,
 DEPTH 150 , COLOR 2, TRANS, 14.0, WAVE SE 1, SWELL SE 1, WIND SE 2 , BARO 1026.5,
 AIR TEMP. DRY 14.5, WET , CLOUD, TYPE SC, AMT 07, WEATHER BC

0	14.83	34.590	6.09	0	14.83	34.590	6.09	25.71	229	228	0.0000
10	14.42	34.512	6.08	10	14.42	34.512	6.08	25.74	226	226	0.0227
20	14.78	34.501	6.12	20	14.78	34.501	6.12	25.65	234	235	0.0458
30	14.35	34.491	6.09	30	14.35	34.491	6.09	25.73	226	227	0.0689
50	14.15	34.487	5.90	50	14.15	34.487	5.90	25.77	222	224	0.1140
75	14.43	34.486	5.79	75	14.43	34.486	5.79	25.71	228	230	0.1708
98	12.01	34.463	5.99	100	11.64	34.457	5.98	26.25	177	179	0.2221
122	7.64	34.399	5.89	125	7.20	34.396	5.84	26.93	113	114	0.2589
145	4.28	34.377	5.58								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUC 853 , STATION 209-06 , 35-41.3. N, 129-49.0. E, APR. 14, 1987, 15:30 KST,
 DEPTH 250 , COLOR 2, TRANS. 17.0, WAVE SE 1, SWELL SE 1, WIND SE 2 , BARO 1026. ,
 AIR TEMP. DRY 14.2, WET , CLOUD. TYPE SC, AMT 06, WEATHER BC

0	15.40	34.599	6.10	0	15.40	34.599	6.10	25.59	240	240	0.0000
10	15.09	34.593	5.88	10	15.09	34.593	5.88	25.65	234	234	0.0237
20	14.99	34.583	5.77	20	14.99	34.583	5.77	25.67	233	233	0.0471
30	14.96	34.560	5.98	30	14.96	34.560	5.98	25.66	234	234	0.0705
50	14.94	34.526	5.95	50	14.94	34.526	5.95	25.63	236	237	0.1177
75	14.03	34.521	5.83	75	14.03	34.521	5.83	25.82	218	219	0.1748
100	13.38	34.515	5.99	100	13.38	34.515	5.99	25.95	205	208	0.2283
122	12.21	34.505	6.00	125	12.03	34.498	5.99	26.21	181	184	0.2773
146	10.79	34.452	5.99	150	10.03	34.445	5.97	26.53	151	154	0.3197
194	1.74	34.373	5.76	200	1.70	34.372	5.72	27.51	058	058	0.3729
243	1.46	34.369	5.50								

GYUNGBUC 853 , STATION 209-07 , 35-36.8. N, 130-00.3. E, APR. 14, 1987, 17:00 KST,
 DEPTH 250 , COLOR 2, TRANS. 16.0, WAVE SE 1, SWELL SE 1, WIND SE 2 , BARO 1025.5,
 AIR TEMP. DRY 13.5, WET , CLOUD. TYPE SC, AMT 07, WEATHER BC

0	14.69	34.578	6.19	0	14.69	34.578	6.19	25.73	227	226	0.0000
10	14.56	34.586	6.09	10	14.56	34.586	6.09	25.76	224	223	0.0225
20	14.31	34.584	6.10	20	14.31	34.584	6.10	25.81	219	219	0.0447
30	14.42	34.583	5.99	30	14.42	34.583	5.99	25.79	221	221	0.0667
50	14.40	34.592	5.87	50	14.40	34.592	5.87	25.80	220	221	0.1111
75	14.38	34.600	5.93	75	14.38	34.600	5.93	25.81	219	221	0.1664
100	14.40	34.614	5.92	100	14.40	34.614	5.92	25.82	218	221	0.2216
123	14.34	34.581	5.90	125	14.32	34.565	5.88	25.80	220	223	0.2773
145	14.21	34.408	5.77	150	13.08	34.404	5.77	25.93	208	211	0.3317
193	3.38	34.374	5.83	200	3.10	34.372	5.85	27.39	069	070	0.4022
241	1.49	34.364	5.97								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 209-08 , 35-30.8. N, 130-16.9. E, APR. 14. 1987, 18:55 KST,
 DEPTH 200 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 2 , BARO 1025.5,
 AIR TEMP. DRY 11.5, WET , CLOUD. TYPE AS, AMT 09, WEATHER C

0	14.55	34.599	6.03	0	14.55	34.599	6.03	25.77	222	222	0.0000
10	14.56	34.587	6.12	10	14.56	34.587	6.12	25.76	223	223	0.0223
20	14.36	34.593	6.20	20	14.36	34.593	6.20	25.81	219	219	0.0445
30	14.30	34.598	6.08	30	14.30	34.598	6.08	25.83	217	218	0.0664
50	14.36	34.594	5.99	50	14.36	34.594	5.99	25.81	219	220	0.1102
75	14.30	34.584	5.98	75	14.30	34.584	5.98	25.82	218	220	0.1654
100	14.00	34.552	6.00	100	14.00	34.552	6.00	25.85	215	217	0.2201
123	12.59	34.524	6.01	125	12.50	34.521	6.00	26.13	188	191	0.2713
146	11.61	34.496	5.96	150	11.22	34.481	5.95	26.35	168	171	0.3166
193	7.03	34.321	5.88								

GYUNGBUG 853 , STATION 209-09 , 35-24.4. N, 130-33.5. E, APR. 14. 1987, 20:55 KST,
 DEPTH 150 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 2 , BARO 1026. ,
 AIR TEMP. DRY 11.3, WET , CLOUD. TYPE , AMT 09, WEATHER C

0	13.01	34.566	6.42	0	13.01	34.566	6.42	26.07	194	194	0.0000
10	12.86	34.562	6.49	10	12.86	34.562	6.49	26.10	192	192	0.0193
20	13.13	34.575	6.54	20	13.13	34.575	6.54	26.05	196	196	0.0387
30	13.11	34.588	6.42	30	13.11	34.588	6.42	26.07	195	195	0.0584
50	12.09	34.503	6.40	50	12.09	34.503	6.40	26.20	182	183	0.0963
75	10.93	34.399	6.50	75	10.93	34.399	6.50	26.33	169	170	0.1405
98	9.52	34.341	6.49	100	9.38	34.340	6.47	26.56	148	150	0.1807
122	7.89	34.339	6.30	125	7.79	34.332	6.29	26.80	125	127	0.2155
145	7.17	34.287	6.25								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 209-10 , 35-17.8. N, 130-50.0. E, APR. 15. 1987, 00:00 KST,
 DEPTH 140 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 2 , BARO 1026.5,
 AIR TEMP. DRY 10.4, WET , CLOUD. TYPE , AMT 06, WEATHER BC

0	12.50	34.513	6.60	0	12.50	34.513	6.60	26.13	189	188	0.0000
10	12.10	34.543	6.58	10	12.10	34.543	6.58	26.23	179	179	0.0184
20	12.00	34.517	6.42	20	12.00	34.517	6.42	26.23	179	179	0.0363
30	11.95	34.504	6.50	30	11.95	34.504	6.50	26.23	179	180	0.0544
50	11.90	34.513	6.42	50	11.90	34.513	6.42	26.24	178	179	0.0903
75	11.49	34.490	6.39	75	11.49	34.490	6.39	26.30	172	174	0.1344
98	10.68	34.383	6.30	100	10.60	34.381	6.29	26.38	165	167	0.1771
121	9.77	34.361	6.25	125	10.02	34.374	6.26	26.48	156	158	0.2178
137	10.78	34.416	6.31								

GYUNGBUG 853 , STATION 209-11 , 35-11.4. N, 131-06.6. E, APR. 15. 1987, 02:00 KST,
 DEPTH 140 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 2 , BARO 1026. ,
 AIR TEMP. DRY 9.8, WET , CLOUD. TYPE , AMT 02, WEATHER B

0	14.60	34.672	6.13	0	14.60	34.672	6.13	25.82	218	218	0.0000
10	14.66	34.693	6.39	10	14.66	34.693	6.39	25.82	218	218	0.0218
20	14.72	34.643	6.26	20	14.72	34.643	6.26	25.77	223	223	0.0439
30	14.65	34.626	6.20	30	14.65	34.626	6.20	25.77	222	223	0.0662
50	14.63	34.653	6.00	50	14.63	34.653	6.00	25.80	220	221	0.1107
75	13.94	34.525	5.97	75	13.94	34.525	5.97	25.85	215	217	0.1656
100	13.18	34.497	5.92	100	13.18	34.497	5.92	25.98	203	205	0.2185
125	12.23	34.454	5.99	125	12.23	34.454	5.99	26.14	188	191	0.2681

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

6月(June)

GYUNGBUG 853 , STATION 209-04 , 35-47.3. N, 129-32.8. E, JUN. 11, 1987, 16:20 KST,
 DEPTH 64 , COLOR 4, TRANS. 11.0, WAVE SE 1, SWELL SE 1, WIND SE 3 , BARO 1015. ,
 AIR TEMP. DRY 23.5, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	17.78	33.443	6.27	0	17.78	33.443	6.27	24.15	377	0.0000
10	17.11	33.397	6.37	10	17.11	33.397	6.37	24.27	365	0.0371
20	16.80	33.397	6.37	20	16.80	33.397	6.37	24.35	358	0.0733
30	15.88	33.792	6.37	30	15.88	33.792	6.37	24.86	309	0.1068
50	14.70	34.134	5.86	50	14.70	34.134	5.86	25.38	259	0.1639
62	14.05	34.633	5.45							

GYUNGBUG 853 , STATION 209-05 , 35-45.4. N, 129-38.4. E, JUN. 11, 1987, 15:30 KST,
 DEPTH 150 , COLOR 3, TRANS. 16.0, WAVE SE 1, SWELL SE 1, WIND SE 3 , BARO 1016. ,
 AIR TEMP. DRY 23.5, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	18.40	33.491	6.06	0	18.40	33.491	6.06	24.03	388	0.0000
10	17.38	33.526	6.16	10	17.38	33.526	6.16	24.31	362	0.0375
20	16.52	33.771	6.32	20	16.52	33.771	6.32	24.70	325	0.0719
30	14.07	34.190	5.96	30	14.07	34.190	5.96	25.56	243	0.1003
50	14.46	34.409	5.60	50	14.46	34.409	5.60	25.65	234	0.1483
75	14.11	34.364	4.98	75	14.11	34.364	4.98	25.69	231	0.2069
99	13.65	34.412	4.83	100	13.37	34.408	4.84	25.87	213	0.2629
123	6.97	34.318	5.24	125	6.55	34.301	5.25	26.94	111	0.3041
145	2.44	34.131	5.45							

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 209-06 , 35-41.3. N, 129-49.0. E, JUN. 11. 1987, 14:10 KST,
 DEPTH 250 , COLOR 3, TRANS. 17.0, WAVE SE 1, SWELL SE 1, WIND SE 3 , BARO 1016. ,
 AIR TEMP. DRY 21.0, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	19.77	33.837	5.96	0	19.77	33.837	5.96	23.95	396	396	0.0000
10	18.49	33.752	5.96	10	18.49	33.752	5.96	24.21	371	371	0.0383
20	18.60	33.905	5.96	20	18.60	33.905	5.96	24.30	363	363	0.0751
30	15.68	34.092	6.27	30	15.68	34.092	6.27	25.14	283	284	0.1075
50	15.57	34.027	6.27	50	15.57	34.027	6.27	25.11	285	287	0.1646
75	14.31	34.255	5.34	75	14.31	34.255	5.34	25.56	243	244	0.2311
99	14.35	34.460	5.03	100	14.32	34.459	5.02	25.72	228	230	0.2905
124	13.61	34.449	4.93	125	13.03	34.433	4.96	25.96	204	207	0.3453
143	2.59	34.155	5.50	150	2.39	34.148	5.52	27.28	080	080	0.3814
195	1.13	34.108	5.65	200	1.10	34.106	5.64	27.34	074	074	0.4203
243	0.90	34.096	5.60								

GYUNGBUG 853 , STATION 209-07 , 35-36.8. N, 130-00.3. E, JUN. 11. 1987, 12:50 KST,
 DEPTH 250 , COLOR 3, TRANS. 19.0, WAVE SE 2, SWELL SE 1, WIND SE 4 , BARO 1016. ,
 AIR TEMP. DRY 21.5, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	19.70	33.834	5.60	0	19.70	33.834	5.60	23.97	394	394	0.0000
10	19.23	33.802	5.75	10	19.23	33.802	5.75	24.06	385	385	0.0390
20	19.22	33.830	5.86	20	19.22	33.830	5.86	24.09	383	383	0.0774
30	19.11	33.802	5.86	30	19.11	33.802	5.86	24.09	382	383	0.1158
50	18.37	33.846	5.86	50	18.37	33.846	5.86	24.31	361	363	0.1905
75	15.26	34.247	5.86	75	15.26	34.247	5.86	25.35	263	265	0.2690
100	14.63	34.429	5.34	100	14.63	34.429	5.34	25.63	236	239	0.3320
124	14.54	34.459	5.83	125	14.53	34.450	5.82	25.66	233	236	0.3915
148	14.50	34.259	5.73	150	14.12	34.268	5.71	25.61	238	242	0.4514
197	5.35	34.480	5.24	200	5.10	34.457	5.25	27.25	082	084	0.5331
245	1.35	34.123	5.45								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAI	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 209-08 , 35-30.8. N, 130-16.9. E, JUN.11.1987, 11:00 KST,
 DEPTH 200 , COLOR 3, TRANS. 18.0, WAVE SE 1, SWELL SE 1, WIND SE 4 , BARO 1016. ,
 AIR TEMP. DRY 21.0, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	19.08	34.382	5.65	0	19.08	34.382	5.65	24.54	339	339	0.0000
10	19.05	34.366	5.65	10	19.05	34.366	5.65	24.54	340	340	0.0340
20	18.89	34.358	5.70	20	18.89	34.358	5.70	24.57	337	337	0.0678
30	18.84	34.373	5.75	30	18.84	34.373	5.75	24.60	334	335	0.1015
50	17.90	34.358	5.65	50	17.90	34.358	5.65	24.82	313	314	0.1665
75	16.02	34.505	5.75	75	16.02	34.505	5.75	25.38	260	262	0.2387
98	15.54	34.638	5.56	100	15.52	34.636	5.53	25.59	240	243	0.3019
122	15.35	34.615	5.29	125	15.32	34.618	5.24	25.62	237	240	0.3624
145	15.18	34.642	4.98	150	14.31	34.612	5.00	25.84	216	220	0.4201
193	6.83	34.363	5.24								

GYUNGBUG 853 , STATION 209-09 , 35-24.4. N, 130-33.5. E, JUN.11.1987, 08:40 KST,
 DEPTH 150 , COLOR 3, TRANS. 15.0, WAVE SE 1, SWELL SE 1, WIND SE 4 , BARO 1016.5,
 AIR TEMP. DRY 20.5, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	19.07	34.322	5.75	0	19.07	34.322	5.75	24.50	344	343	0.0000
10	19.06	34.398	5.65	10	19.06	34.398	5.65	24.56	338	338	0.0341
20	19.09	34.316	5.75	20	19.09	34.316	5.75	24.49	345	345	0.0682
30	18.81	34.285	5.91	30	18.81	34.285	5.91	24.54	340	341	0.1026
50	16.51	34.559	5.39	50	16.51	34.559	5.39	25.30	267	268	0.1635
75	15.87	34.561	5.45	75	15.87	34.561	5.45	25.45	253	255	0.2290
99	15.59	34.691	5.03	100	15.57	34.687	5.03	25.62	237	240	0.2910
123	15.28	34.613	5.03	125	15.25	34.617	5.04	25.63	236	239	0.3509
145	15.04	34.662	5.14								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 209-10 , 35-17.8. N, 130-50.0. E, JUN. 11. 1987, 06:50 KST,
 DEPTH 140 , COLOR 3, TRANS, 15.0, WAVE SE 1, SWELL SE 1, WIND SE 4 , BARO 1017. ,
 AIR TEMP. DRY 20.5, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	19.40	34.324	5.65	0	19.40	34.324	5.65	24.42	351	351	0.0000
10	19.18	34.337	5.80	10	19.18	34.337	5.80	24.48	345	345	0.0348
20	18.98	34.341	5.55	20	18.98	34.341	5.55	24.54	340	340	0.0691
30	18.95	34.343	5.60	30	18.95	34.343	5.60	24.55	339	340	0.1032
50	17.95	34.449	6.06	50	17.95	34.449	6.06	24.88	308	309	0.1682
75	15.94	34.616	5.14	75	15.94	34.616	5.14	25.48	250	252	0.2384
99	15.79	34.601	4.83	100	15.78	34.602	4.83	25.51	248	250	0.3014
123	15.55	34.633	5.03	125	15.51	34.629	4.98	25.59	240	243	0.3633
135	15.31	34.611	4.78								

GYUNGBUG 853 , STATION 209-11 , 35-11.4. N, 131-06.6. E, JUN. 11. 1987, 05:00 KST,
 DEPTH 140 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 5 , BARO 1017. ,
 AIR TEMP. DRY 20.0, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	19.74	34.183	5.93	0	19.74	34.183	5.93	24.22	370	370	0.0000
10	19.71	34.159	5.62	10	19.71	34.159	5.62	24.21	371	371	0.0370
20	19.70	34.174	5.38	20	19.70	34.174	5.38	24.23	370	370	0.0742
30	19.21	34.261	5.63	30	19.21	34.261	5.63	24.42	351	352	0.1103
50	17.28	34.513	6.37	50	17.28	34.513	6.37	25.09	288	289	0.1745
75	16.21	34.625	5.23	75	16.21	34.625	5.23	25.42	256	257	0.2429
100	15.86	34.783	5.13	100	15.86	34.783	5.13	25.63	236	239	0.3051
124	15.45	34.642	4.88	125	15.39	34.636	4.89	25.62	237	241	0.3652
134	14.94	34.588	5.03								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

8月(August)

GYUNGBUG 853 , STATION 209-04 , 35-47.3. N, 129-32.8. E, AUG. 14. 1987, 16:45 KST,
 DEPTH 64 , COLOR 4, TRANS. 7.5, WAVE SW 2, SWELL SW 1, WIND SW 3 , BARO 1017. ,
 AIR TEMP. DRY 26.1, WET , CLOUD, TYPE , AMT 00, WEATHER B

0	21.68	32.656	5.57	0	21.68	32.656	5.57	22.55	530	530	0.0000
10	18.65	33.128	5.42	10	18.65	33.128	5.42	23.70	420	420	0.0475
20	13.57	33.430	5.37	20	13.57	33.430	5.37	25.08	289	289	0.0830
30	12.55	33.923	5.36	30	12.55	33.923	5.36	25.66	233	233	0.1092
50	10.98	34.040	5.26	50	10.98	34.040	5.26	26.05	196	197	0.1523
62	6.72	34.087	5.01								

GYUNGBUG 853 , STATION 209-05 , 35-45.4. N, 129-38.4. E, AUG. 14. 1987, 16:00 KST,
 DEPTH 150 , COLOR 4, TRANS. 5.0, WAVE SW 1, SWELL SW 1, WIND SW 3 , BARO 1017. ,
 AIR TEMP. DRY 27.0, WET , CLOUD, TYPE , AMT 00, WEATHER B

0	18.72	32.321	5.47	0	18.72	32.321	5.47	23.06	481	480	0.0000
10	16.71	32.934	5.36	10	16.71	32.934	5.36	24.01	390	390	0.0435
20	15.81	33.420	5.05	20	15.81	33.420	5.05	24.59	335	335	0.0798
30	13.69	33.892	4.70	30	13.69	33.892	4.70	25.41	257	257	0.1095
50	11.80	34.334	4.95	50	11.80	34.334	4.95	26.12	189	190	0.1543
75	7.36	34.129	4.76	75	7.36	34.129	4.76	26.70	135	135	0.1951
99	3.23	34.094	4.86	100	3.20	34.090	4.85	27.16	091	091	0.2236
122	2.68	34.013	4.66	125	2.64	34.014	4.63	27.15	092	092	0.2467
145	2.38	34.027	4.50								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 209-08 , 35-30.8. N, 130-16.9. E, AUG. 14, 1987, 11:45 KST,
 DEPTH 200 , COLOR 2, TRANS. 18.0, WAVE SW 3, SWELL SW 2, WIND SW 5 , BARO 1017. ,
 AIR TEMP. DRY 28.1, WET , CLOUD, TYPE NS, AMT 09, WEATHER R

0	24.70	31.838	4.76	0	24.70	31.838	4.76	21.06	672	672	0.0000
10	24.19	32.317	4.76	10	24.19	32.317	4.76	21.58	623	623	0.0647
20	23.79	33.288	4.76	20	23.79	33.288	4.76	22.43	542	542	0.1230
30	23.09	33.396	4.86	30	23.09	33.396	4.86	22.71	514	515	0.1759
50	20.60	33.966	4.65	50	20.60	33.966	4.65	23.83	407	409	0.2684
75	18.00	34.408	4.05	75	18.00	34.408	4.05	24.83	312	314	0.3589
98	17.07	34.424	4.05	100	16.98	34.400	4.05	25.07	289	292	0.4347
122	16.00	34.145	4.15	125	15.46	34.147	4.20	25.23	274	278	0.5060
145	11.91	34.167	4.55	150	11.06	34.158	4.57	26.12	189	192	0.5648
193	3.84	34.084	4.76								

GYUNGBUG 853 , STATION 209-09 , 35-24.4. N, 130-33.5. E, AUG. 14, 1987, 10:00 KST,
 DEPTH 150 , COLOR 2, TRANS. 24.0, WAVE W 2, SWELL W 1, WIND W 3 , BARO 1017. ,
 AIR TEMP. DRY 28.4, WET , CLOUD, TYPE , AMT 00, WEATHER B

0	23.90	31.615	4.76	0	23.90	31.615	4.76	21.13	666	665	0.0000
10	23.28	32.329	4.86	10	23.28	32.329	4.86	21.85	597	597	0.0631
20	23.14	33.046	5.06	20	23.14	33.046	5.06	22.43	541	541	0.1201
30	22.30	33.599	4.96	30	22.30	33.599	4.96	23.09	478	479	0.1711
50	20.80	34.229	4.65	50	20.80	34.229	4.65	23.98	393	395	0.2586
75	18.03	34.351	4.15	75	18.03	34.351	4.15	24.78	317	319	0.3479
99	16.62	34.413	4.05	100	16.60	34.412	4.04	25.17	280	282	0.4232
122	16.31	34.412	3.95	125	15.69	34.379	4.04	25.35	262	266	0.4918
145	11.58	34.162	4.65								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 209-10 , 35-17.8. N, 130-50.0. E, AUG. 14, 1987, 08:15 KST.
 DEPTH 140 , COLOR 2, TRANS. 22.0, WAVE W 2, SWELL W 1, WIND W 3 , BARO 1017. ,
 AIR TEMP. DRY 27.5, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	24.25	32.497	5.06	0	24.25	32.497	5.06	21.69	612	611	0.0000
10	23.18	33.048	4.81	10	23.18	33.048	4.81	22.42	542	542	0.0577
20	23.10	33.118	4.96	20	23.10	33.118	4.96	22.50	535	535	0.1116
30	21.33	33.487	5.06	30	21.33	33.487	5.06	23.27	461	462	0.1615
50	20.16	34.031	4.76	50	20.16	34.031	4.76	24.00	392	393	0.2470
75	18.92	34.375	4.20	75	18.92	34.375	4.20	24.58	336	338	0.3385
98	17.22	34.443	4.15	100	17.18	34.417	4.12	25.04	292	295	0.4178
123	16.74	34.129	3.85	125	16.64	34.110	3.87	24.93	303	306	0.4930
135	16.16	34.018	4.00								

GYUNGBUG 853 , STATION 209-11 , 35-11.4. N, 131-06.6. E, AUG. 14, 1987, 06:30 KST.
 DEPTH 140 , COLOR 2, TRANS. 22.0, WAVE W 1, SWELL W 1, WIND W 2 , BARO 1017. ,
 AIR TEMP. DRY 24.0, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	23.81	31.996	5.11	0	23.81	31.996	5.11	21.45	636	635	0.0000
10	23.99	32.778	4.97	10	23.99	32.778	4.97	21.98	584	584	0.0610
20	22.68	33.231	4.80	20	22.68	33.231	4.80	22.70	515	516	0.1160
30	22.06	33.528	5.16	30	22.06	33.528	5.16	23.10	477	478	0.1657
50	20.26	34.118	4.70	50	20.26	34.118	4.70	24.04	388	389	0.2525
75	18.54	34.309	4.30	75	18.54	34.309	4.30	24.62	332	334	0.3430
98	17.52	34.334	4.05	100	17.49	34.333	4.05	24.90	306	308	0.4234
123	17.17	34.322	4.15	125	17.03	34.291	4.16	24.98	298	302	0.4997
135	16.38	34.136	4.25								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

10月(October)

GYUNGBUG 853 , STATION 209-04 , 35-47.3. N, 129-32.8. E, OCT. 21. 1987, 13:50 KST,
 DEPTH 64 , COLOR 3, TRANS. 10.0, WAVE SW 3, SWELL SW 1, WIND SW 4 , BARO 1018. ,
 AIR TEMP. DRY 14.8, WET , CLOUD, TYPE CU, AMT 07, WEATHER BC

0	20.50	33.523	4.81	0	20.50	33.523	4.81	23.52	437	437	0.0000
10	20.50	33.313	4.87	10	20.50	33.313	4.87	23.36	452	452	0.0444
20	20.51	33.301	4.77	20	20.51	33.301	4.77	23.35	453	454	0.0898
30	20.51	33.293	4.77	30	20.51	33.293	4.77	23.34	454	455	0.1352
50	19.98	33.465	4.18	50	19.98	33.465	4.18	23.61	428	429	0.2237
60	16.38	34.044	3.68								

GYUNGBUG 853 , STATION 209-05 , 35-45.4. N, 129-38.4. E, OCT. 21. 1987, 14:40 KST,
 DEPTH 150 , COLOR 3, TRANS. 10.0, WAVE SW 4, SWELL SW 2, WIND SW 5 , BARO 1018. ,
 AIR TEMP. DRY 14.5, WET , CLOUD, TYPE CU, AMT 04, WEATHER BC

0	22.63	33.322	4.57	0	22.63	33.322	4.57	22.78	507	507	0.0000
10	22.64	33.350	4.77	10	22.64	33.350	4.77	22.80	506	506	0.0506
20	22.64	33.333	4.96	20	22.64	33.333	4.96	22.79	507	507	0.1013
30	22.63	33.326	4.98	30	22.63	33.326	4.98	22.79	507	508	0.1521
50	22.38	33.357	4.72	50	22.38	33.357	4.72	22.88	498	499	0.2529
75	15.41	34.290	4.28	75	15.41	34.290	4.28	25.35	263	265	0.3485
98	15.31	34.608	3.98	100	15.24	34.599	3.94	25.62	237	239	0.4116
123	14.46	34.500	3.58	125	13.85	34.478	3.64	25.83	217	220	0.4692
147	7.21	34.238	4.37								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUC 853 , STATION 209-06 , 35-41.3. N, 129-49.0. E, OCT. 22, 1987, 08:25 KST,
 DEPTH 250 , COLOR 3, TRANS. 15.0, WAVE N 3, SWELL N 2, WIND N 4 , BARO 1026. ,
 AIR TEMP. DRY 14.5, WET , CLOUD, TYPE , AMT 00, WEATHER B

0	19.84	33.418	5.07	0	19.84	33.418	5.07	23.61	428	428	0.0000
10	19.83	33.370	4.97	10	19.83	33.370	4.97	23.58	431	431	0.0430
20	19.91	33.382	5.12	20	19.91	33.382	5.12	23.57	432	433	0.0862
30	19.89	33.375	5.12	30	19.89	33.375	5.12	23.57	432	433	0.1295
50	19.86	33.359	5.12	50	19.86	33.359	5.12	23.56	433	434	0.2164
75	19.86	33.386	4.57	75	19.86	33.386	4.57	23.58	431	433	0.3248
99	16.59	34.325	4.27	100	16.52	34.327	4.24	25.12	284	287	0.4149
123	15.14	34.384	3.68	125	15.09	34.390	3.68	25.50	249	252	0.4824
147	14.56	34.462	3.77	150	13.82	34.439	3.83	25.80	220	223	0.5419
197	2.37	34.088	4.81	200	2.28	34.084	4.84	27.23	084	085	0.6191
247	1.01	34.023	5.41								

GYUNGBUC 853 , STATION 209-07 , 35-36.8. N, 130-00.3. E, OCT. 22, 1987, 09:40 KST,
 DEPTH 250 , COLOR 3, TRANS. 16.0, WAVE N 3, SWELL N 1, WIND N 4 , BARO 1024. ,
 AIR TEMP. DRY 16.5, WET , CLOUD, TYPE , AMT 00, WEATHER B

0	20.78	33.395	5.02	0	20.78	33.395	5.02	23.35	453	453	0.0000
10	20.79	33.371	4.92	10	20.79	33.371	4.92	23.33	455	455	0.0454
20	20.82	33.385	5.07	20	20.82	33.385	5.07	23.33	455	455	0.0910
30	20.75	33.380	5.07	30	20.75	33.380	5.07	23.35	454	454	0.1366
50	20.66	33.385	5.07	50	20.66	33.385	5.07	23.37	451	452	0.2273
75	20.19	33.347	4.77	75	20.19	33.347	4.77	23.47	442	444	0.3395
98	17.26	33.808	4.37	100	17.16	33.854	4.33	24.61	333	336	0.4370
123	16.07	34.392	3.92	125	15.98	34.396	3.90	25.30	267	271	0.5129
148	14.97	34.453	3.77	150	14.73	34.444	3.81	25.62	237	241	0.5770
197	9.24	34.250	4.92	200	8.81	34.239	4.94	26.57	147	150	0.6752
247	2.08	34.072	5.36								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
10	16.1	35.2	02	10	16.1	35.2	02	16.1	0.0	0.0	0.0
20	16.1	35.2	02	20	16.1	35.2	02	16.1	0.0	0.0	0.0
30	16.1	35.2	02	30	16.1	35.2	02	16.1	0.0	0.0	0.0
40	16.1	35.2	02	40	16.1	35.2	02	16.1	0.0	0.0	0.0
50	16.1	35.2	02	50	16.1	35.2	02	16.1	0.0	0.0	0.0
60	16.1	35.2	02	60	16.1	35.2	02	16.1	0.0	0.0	0.0
70	16.1	35.2	02	70	16.1	35.2	02	16.1	0.0	0.0	0.0
80	16.1	35.2	02	80	16.1	35.2	02	16.1	0.0	0.0	0.0
90	16.1	35.2	02	90	16.1	35.2	02	16.1	0.0	0.0	0.0
100	16.1	35.2	02	100	16.1	35.2	02	16.1	0.0	0.0	0.0

GYUNGBUG 853 , STATION 209-08 , 35-30.8. N, 130-16.9. E. OCT. 22. 1987. 11:30 KST,
DEPTH 200 , COLOR 2, TRANS. 17.0, WAVE N 3, SWELL N 1, WIND N 4 , BARO 1024. ,
AIR TEMP. DRY 16.6, WET , CLOUD, TYPE , AMT 00, WEATHER B

0	20.96	33.422	5.07	0	20.96	33.422	5.07	23.32	456	0.00000
10	20.96	33.342	5.12	10	20.96	33.342	5.12	23.26	462	0.0459
20	20.97	33.359	4.97	20	20.97	33.359	4.97	23.27	461	0.0921
30	20.97	33.342	5.07	30	20.97	33.342	5.07	23.26	462	0.1383
50	20.96	33.340	4.92	50	20.96	33.340	4.92	23.26	462	0.2310
75	20.94	33.363	5.07	75	20.94	33.363	5.07	23.28	460	0.3468
99	17.75	34.180	4.27	100	17.70	34.188	4.28	24.74	321	0.4451
123	16.74	34.385	4.73	125	16.58	34.387	4.66	25.15	281	0.5213
147	14.92	34.410	3.97	150	14.71	34.405	4.01	25.59	240	0.5874
196	11.60	34.339	4.77							

GYUNGRUG 853 , STATION 209-09 , 35-24.4, N, 130-33.5, E, OCT. 22, 1987, 13:15 KST,
DEPTH 150 , COLOR 2, TRANS. 16.0, WAVE N 3, SWELL N 1, WIND N 3 , BARO 1024. ,
AIR TEMP. DRY 17.2, WET , CLOUD, TYPE , AMT 02, WEATHER B

0	19.83	33.424	4.97	0	19.83	33.424	4.97	23.62	427	427	0.0000
10	19.69	33.377	5.26	10	19.69	33.377	5.26	23.62	427	427	0.0427
20	19.62	33.379	5.17	20	19.62	33.379	5.17	23.64	425	426	0.0854
30	19.60	33.388	5.22	30	19.60	33.388	5.22	23.65	424	425	0.1280
50	19.60	33.404	5.17	50	19.60	33.404	5.17	23.67	423	424	0.2130
75	19.19	33.503	4.87	75	19.19	33.503	4.87	23.85	406	408	0.3172
99	16.64	33.944	4.27	100	16.63	33.960	4.24	24.82	313	316	0.4078
124	16.41	34.359	3.68	125	16.34	34.361	3.68	25.19	278	281	0.4825
148	14.81	34.428	3.73								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 209-10 , 35-17.8. N, 130-50.0. E, OCT. 22. 1987, 15:00 KST,
 DEPTH 140 , COLOR 2, TRANS. 16.0, WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1024. ,
 AIR TEMP. DRY 18.5, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	22.08	33.921	4.87	0	22.08	33.921	4.87	23.39	449	449	0.0000
10	21.89	33.892	4.97	10	21.89	33.892	4.97	23.42	446	446	0.0448
20	21.90	33.993	5.02	20	21.90	33.993	5.02	23.50	439	440	0.0891
30	21.85	34.039	4.97	30	21.85	34.039	4.97	23.55	435	435	0.1329
50	21.87	33.915	4.77	50	21.87	33.915	4.77	23.45	444	445	0.2211
75	21.87	33.933	4.76	75	21.87	33.933	4.76	23.46	443	445	0.3325
99	19.00	34.027	4.27	100	18.93	34.036	4.24	24.32	361	364	0.4337
124	17.28	34.260	3.58	125	17.21	34.292	3.59	24.93	302	306	0.5175
136	16.50	34.652	3.73								

GYUNGBUG 853 , STATION 209-11 , 35-11.4. N, 131-06.6. E, OCT. 22. 1987, 16:45 KST,
 DEPTH 140 , COLOR 3, TRANS. 12.0, WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1024. ,
 AIR TEMP. DRY 17.0, WET , CLOUD. TYPE , AMT 02, WEATHER B

0	22.11	33.872	4.86	0	22.11	33.872	4.86	23.35	454	453	0.0000
10	22.11	33.848	4.97	10	22.11	33.848	4.97	23.33	455	455	0.0454
20	22.06	33.879	4.97	20	22.06	33.879	4.97	23.37	452	452	0.0908
30	22.02	33.870	5.02	30	22.02	33.870	5.02	23.37	451	452	0.1361
50	21.98	33.856	4.82	50	21.98	33.856	4.82	23.37	451	453	0.2267
75	21.95	34.032	4.92	75	21.95	34.032	4.92	23.51	438	440	0.3383
99	21.38	34.079	4.42	100	21.22	34.078	4.39	23.75	415	418	0.4457
124	17.40	34.074	3.68	125	17.40	34.109	3.67	24.75	320	323	0.5385
137	17.42	34.536	3.58								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

12月(December)

GYUNGBUG 853 , STATION 209-04 , 35-47.3. N, 129-32.8. E, DEC.27.1987, 07:00 KST,
 DEPTH 64 , COLOR , TRANS. , WAVE SW 0, SWELL SW 0, WIND SW 2 , BARO 1026. ,
 AIR TEMP. DRY 12.0, WET , CLOUD. TYPE , AMT , WEATHER

0	15.40	34.072	5.17	0	15.40	34.072	5.17	25.18	279	278	0.0000
10	15.45	34.059	5.32	10	15.45	34.059	5.32	25.16	281	281	0.0279
20	15.47	34.061	5.37	20	15.47	34.061	5.37	25.16	281	281	0.0561
30	14.61	34.125	5.37	30	14.61	34.125	5.37	25.40	258	259	0.0831
50	14.71	34.334	5.55	50	14.71	34.334	5.55	25.54	245	246	0.1337
60	13.51	34.284	5.51								

GYUNGBUG 853 , STATION 209-05 , 35-45.4. N, 129-38.4. E, DEC.27.1987, 06:10 KST,
 DEPTH 150 , COLOR , TRANS. , WAVE SW 0, SWELL SW 0, WIND SW 2 , BARO 1020.5,
 AIR TEMP. DRY 12.5, WET , CLOUD. TYPE , AMT , WEATHER

0	15.35	34.213	5.23	0	15.35	34.213	5.23	25.30	267	267	0.0000
10	15.32	34.269	5.45	10	15.32	34.269	5.45	25.35	262	262	0.0265
20	15.30	34.245	5.57	20	15.30	34.245	5.57	25.34	264	264	0.0528
30	15.26	34.210	5.69	30	15.26	34.210	5.69	25.32	266	266	0.0794
50	15.20	34.200	5.67	50	15.20	34.200	5.67	25.33	265	266	0.1327
75	15.12	34.208	5.57	75	15.12	34.208	5.57	25.35	263	264	0.1992
98	15.05	34.165	5.49	100	14.98	34.165	5.49	25.35	263	265	0.2655
123	14.25	34.168	5.55	125	13.90	34.163	5.55	25.57	241	244	0.3294
147	10.15	34.118	5.65								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 209-06 , 35-41.3. N, 129-49.0. E, DEC.27.1987, 04:45 KST,
 DEPTH 250 , COLOR , TRANS. , WAVE SW 0, SWELL SW 1, WIND SW 2 , BARO 1021. ,
 AIR TEMP. DRY 12.0, WET , CLOUD, TYPE , AMT , WEATHER

0	14.95	34.261	5.55	0	14.95	34.261	5.55	25.43	255	255	0.0000
10	14.65	34.222	5.63	10	14.65	34.222	5.63	25.46	252	252	0.0253
20	14.15	34.112	5.76	20	14.15	34.112	5.76	25.48	250	250	0.0505
30	14.12	34.082	5.85	30	14.12	34.082	5.85	25.47	252	252	0.0757
50	13.90	34.074	5.83	50	13.90	34.074	5.83	25.51	248	249	0.1258
75	13.60	34.143	5.67	75	13.60	34.143	5.67	25.62	237	238	0.1869
98	9.97	34.262	5.95	100	9.55	34.241	5.96	26.45	158	160	0.2368
123	4.77	34.006	6.19	125	4.66	34.007	6.18	26.94	111	112	0.2709
147	3.51	34.025	6.16	150	3.46	34.027	6.16	27.08	098	099	0.2974
197	2.74	34.067	6.17	200	2.71	34.065	6.15	27.18	089	090	0.3448
246	2.35	34.044	5.95								

GYUNGBUG 853 , STATION 209-07 , 35-36.8. N, 130-00.3. E, DEC.27.1987, 03:20 KST,
 DEPTH 250 , COLOR , TRANS. , WAVE SW 1, SWELL SW 1, WIND SW 3 , BARO 1021.5,
 AIR TEMP. DRY 12.0, WET , CLOUD, TYPE , AMT , WEATHER

0	13.38	34.243	5.48	0	13.38	34.243	5.48	25.74	225	225	0.0000
10	13.29	34.134	5.38	10	13.29	34.134	5.38	25.68	231	231	0.0228
20	14.40	34.181	5.38	20	14.40	34.181	5.38	25.48	250	250	0.0469
30	14.28	34.125	5.38	30	14.28	34.125	5.38	25.47	252	252	0.0721
50	13.66	34.134	5.62	50	13.66	34.134	5.62	25.60	239	240	0.1214
75	13.46	34.103	5.67	75	13.46	34.103	5.67	25.62	237	239	0.1813
98	13.05	34.165	5.78	100	12.70	34.155	5.79	25.81	219	221	0.2388
123	8.68	34.047	6.00	125	8.34	34.046	6.01	26.49	154	156	0.2861
148	4.47	34.039	6.17	150	4.39	34.038	6.17	27.00	106	107	0.3192
197	2.59	34.034	6.18	200	2.56	34.038	6.16	27.17	090	090	0.3688
246	2.18	34.104	5.89								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	O2	DEPTH	TEMP	SAL	O2	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 209-08 , 35-30.8, N, 130-16.9, E, DEC. 27, 1987, 01:30 KST,
 DEPTH 200 , COLOR , TRANS. , WAVE SW 2, SWELL SW 1, WIND SW 4 , BARO 1022. ,
 AIR TEMP. DRY 13.0, WET , CLOUD, TYPE , AMT , WEATHER

0	13.50	34.221	5.36	0	13.50	34.221	5.36	25.70	229	229	0.0000
10	13.50	34.245	5.26	10	13.50	34.245	5.26	25.72	227	227	0.0228
20	13.45	34.200	5.21	20	13.45	34.200	5.21	25.70	230	230	0.0457
30	13.65	34.134	5.21	30	13.65	34.134	5.21	25.61	238	239	0.0692
50	13.60	34.106	5.38	50	13.60	34.106	5.38	25.59	240	240	0.1173
75	13.50	34.059	5.69	75	13.50	34.059	5.69	25.58	241	243	0.1778
97	13.55	34.047	5.59	100	13.48	34.052	5.58	25.58	241	243	0.2387
123	13.00	34.095	5.58	125	12.60	34.112	5.57	25.80	220	223	0.2971
146	8.40	34.299	5.57	150	7.92	34.295	5.57	26.75	130	132	0.3415
196	2.50	34.256	5.59								

GYUNGBUG 853 , STATION 209-09 , 35-24.4, N, 130-33.5, E, DEC. 26, 1987, 23:40 KST,
 DEPTH 150 , COLOR , TRANS. , WAVE SW 2, SWELL SW 1, WIND SW 4 , BARO 1022. ,
 AIR TEMP. DRY 13.5, WET , CLOUD, TYPE , AMT , WEATHER

0	14.60	34.144	5.45	0	14.60	34.144	5.45	25.41	257	256	0.0000
10	14.54	34.066	5.57	10	14.54	34.066	5.57	25.37	261	261	0.0259
20	14.50	34.023	5.66	20	14.50	34.023	5.66	25.34	264	264	0.0522
30	14.00	34.020	5.76	30	14.00	34.020	5.76	25.44	254	254	0.0781
50	13.85	34.017	5.79	50	13.85	34.017	5.79	25.47	251	252	0.1288
75	13.79	34.197	5.88	75	13.79	34.197	5.88	25.62	237	238	0.1902
98	13.70	34.222	5.85	100	13.63	34.229	5.82	25.68	231	233	0.2493
123	12.90	34.314	5.54	125	12.57	34.324	5.50	25.97	204	207	0.3044
147	9.01	34.440	5.12								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 209-10 , 35-17.8. N, 130-50.0. E, DEC.26.1987, 21:50 KST.
 DEPTH 140 , COLOR , TRANS. , WAVE SW 2, SWELL SW 1, WIND SW 4 , BARO 1021. ,
 AIR TEMP. DRY 13.5, WET , CLOUD. TYPE , AMT , WEATHER

0	14.55	34.147	5.51	0	14.55	34.147	5.51	25.43	255	255	0.0000
10	14.52	34.136	5.48	10	14.52	34.136	5.48	25.42	256	256	0.0255
20	14.45	34.188	5.53	20	14.45	34.188	5.53	25.48	250	251	0.0509
30	14.15	34.165	5.56	30	14.15	34.165	5.56	25.53	246	247	0.0758
50	13.84	34.129	5.45	50	13.84	34.129	5.45	25.56	243	244	0.1249
75	13.79	34.051	5.24	75	13.79	34.051	5.24	25.51	247	249	0.1866
98	13.74	34.058	5.23	100	13.72	34.064	5.23	25.54	245	247	0.2487
123	13.59	34.144	5.27	125	12.94	34.161	5.26	25.77	223	226	0.3080
137	9.09	34.263	5.20								

GYUNGBUG 853 , STATION 209-11 , 35-11.4. N, 131-06.6. E, DEC.26.1987, 20:20 KST.
 DEPTH 140 , COLOR , TRANS. , WAVE SW 2, SWELL SW 1, WIND SW 5 , BARO 1021.5,
 AIR TEMP. DRY 13.1, WET , CLOUD. TYPE , AMT , WEATHER

0	16.30	34.349	5.28	0	16.30	34.349	5.28	25.19	278	277	0.0000
10	16.30	34.338	5.17	10	16.30	34.338	5.17	25.18	278	278	0.0278
20	16.30	34.320	4.97	20	16.30	34.320	4.97	25.17	280	280	0.0558
30	16.15	34.276	5.17	30	16.15	34.276	5.17	25.17	280	280	0.0838
50	16.15	34.288	5.17	50	16.15	34.288	5.17	25.18	279	280	0.1400
75	15.99	34.224	5.17	75	15.99	34.224	5.17	25.17	280	282	0.2103
98	15.60	34.140	5.31	100	15.58	34.134	5.30	25.19	278	280	0.2807
123	15.35	34.070	5.29	125	14.80	34.066	5.26	25.31	267	270	0.3496
137	11.55	34.044	5.09								

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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

2 月(February)

GYUNGBUG 853 , STATION 208-01 , 35-28.5. N, 129-27.3. E, FEB. 8.1987, 15:30 KST,
 DEPTH 70 , COLOR 3, TRANS. 10.0, WAVE SE 1, SWELL SE 1, WIND SE 3 , BARO 1023. ,
 AIR TEMP. DRY 14.7, WET , CLOUD, TYPE CI, AMT 02, WEATHER B

0	13.45	34.511	5.66	0	13.45	34.511	5.66	25.94	207	207	0.0000
11	13.36	34.508	5.66	10	13.36	34.508	5.66	25.95	205	205	0.0206
21	13.30	34.508	5.87	20	13.30	34.508	5.84	25.96	204	205	0.0412
31	13.06	34.466	5.61	30	13.08	34.470	5.63	25.98	203	203	0.0616
49	12.30	34.412	5.73	50	12.29	34.412	5.72	26.09	192	193	0.1014
61	12.27	34.414	5.71								

GYUNGBUG 853 , STATION 208-02 , 35-24.3. N, 129-33.8. E, FEB. 8.1987, 16:35 KST,
 DEPTH 130 , COLOR 3, TRANS. 11.0, WAVE SE 1, SWELL SE 1, WIND SE 3 , BARO 1023. ,
 AIR TEMP. DRY 14.7, WET , CLOUD, TYPE CI, AMT 02, WEATHER B

0	14.59	34.631	5.84	0	14.59	34.631	5.84	25.79	221	221	0.0000
10	14.39	34.604	5.87	10	14.39	34.604	5.87	25.81	219	219	0.0220
20	13.71	34.547	5.92	20	13.71	34.547	5.92	25.91	209	210	0.0434
30	13.52	34.532	5.92	30	13.52	34.532	5.92	25.94	207	207	0.0643
51	13.20	34.503	5.80	50	13.21	34.504	5.80	25.98	203	204	0.1055
76	13.06	34.496	5.65	75	13.06	34.496	5.65	26.00	201	202	0.1564
101	12.21	34.424	5.62	100	12.24	34.426	5.62	26.11	190	192	0.2058
113	8.14	34.235	5.55								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 208-03 , 35-17.8. N, 129-42.9. E, FEB. 8.1987, 17:55 KST,
 DEPTH 150 , COLOR 2, TRANS. 7.0, WAVE SE 1, SWELL SE 1, WIND SE 3 , BARO 1023. ,
 AIR TEMP. DRY 12.5, WET , CLOUD, TYPE CI, AMT 02, WEATHER B

0	14.08	34.600	5.85	0	14.08	34.600	5.85	25.88	213	212	0.0000
10	13.89	34.562	5.93	10	13.89	34.562	5.93	25.89	212	212	0.0212
21	13.62	34.547	5.85	20	13.64	34.548	5.85	25.93	208	208	0.0423
29	13.56	34.541	5.86	30	13.55	34.540	5.86	25.94	207	207	0.0631
52	13.54	34.540	5.87	50	13.54	34.540	5.86	25.94	207	208	0.1047
75	13.41	34.516	5.82	75	13.41	34.516	5.82	25.95	206	207	0.1567
102	12.77	34.442	5.77	100	12.81	34.447	5.77	26.02	199	202	0.2079
125	11.54	34.309	5.92	125	11.54	34.309	5.92	26.15	186	189	0.2569
135	11.40	34.301	5.87								

GYUNGBUG 853 , STATION 208-04 , 35-11.1. N, 129-52.7. E, FEB. 8.1987, 19:15 KST,
 DEPTH 143 , COLOR , TRANS. , WAVE NW 1, SWELL NW 1, WIND NW 3 , BARO 1023.5,
 AIR TEMP. DRY 12.0, WET , CLOUD, TYPE , AMT , WEATHER BC

0	13.92	34.579	5.92	0	13.92	34.579	5.92	25.89	211	211	0.0000
11	13.93	34.579	5.92	10	13.92	34.579	5.92	25.89	211	211	0.0211
20	13.92	34.580	5.85	20	13.92	34.580	5.85	25.89	211	211	0.0423
31	13.89	34.581	5.87	30	13.89	34.580	5.86	25.90	210	211	0.0634
50	13.54	34.517	5.92	50	13.54	34.517	5.92	25.92	208	209	0.1056
76	13.32	34.501	5.92	75	13.32	34.501	5.92	25.95	205	207	0.1577
101	12.80	34.431	5.82	100	12.82	34.433	5.82	26.00	201	203	0.2090
124	11.87	34.371	6.07	125	11.86	34.370	6.05	26.14	188	190	0.2583
133	11.85	34.369	5.92								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 208-05 , 35-04.8. N, 130-02.0. E, FEB. 8, 1987, 20:40 KST,
 DEPTH 140 , COLOR , TRANS. , WAVE NW 1, SWELL NW 1, WIND NW 3 , BARO 1024. ,
 AIR TEMP. DRY 12.0, WET , CLOUD. TYPE , AMT , WEATHER BC

0	13.18	34.529	6.02	0	13.18	34.529	6.02	26.01	200	200	0.0000
10	13.20	34.529	6.17	10	13.20	34.529	6.17	26.00	201	201	0.0200
21	13.20	34.530	6.22	20	13.20	34.529	6.21	26.00	201	201	0.0402
29	13.20	34.530	6.02	30	13.19	34.529	6.01	26.00	201	201	0.0603
50	13.17	34.528	5.92	50	13.17	34.528	5.92	26.01	200	201	0.1006
76	13.09	34.518	5.87	75	13.09	34.518	5.87	26.02	199	201	0.1511
101	11.93	34.363	5.87	100	11.97	34.369	5.87	26.12	190	192	0.2003
125	10.45	34.310	5.97	125	10.45	34.310	5.97	26.35	168	170	0.2456

GYUNGBUG 853 , STATION 208-06 , 34-58.2. N, 130-11.9. E, FEB. 8, 1987, 22:00 KST,
 DEPTH 135 , COLOR , TRANS. , WAVE NW 1, SWELL NW 1, WIND NW 3 , BARO 1024. ,
 AIR TEMP. DRY 12.0, WET , CLOUD. TYPE , AMT , WEATHER BC

0	13.10	34.528	6.12	0	13.10	34.528	6.12	26.02	199	199	0.0000
11	13.00	34.469	6.12	10	13.00	34.474	6.12	26.00	201	201	0.0200
19	12.00	34.306	6.22	20	11.92	34.303	6.22	26.08	194	194	0.0398
29	11.27	34.279	6.22	30	11.26	34.278	6.21	26.18	184	184	0.0587
50	11.13	34.267	6.02	50	11.13	34.267	6.02	26.20	182	183	0.0955
74	10.75	34.226	5.97	75	10.74	34.225	5.96	26.23	179	180	0.1411
100	10.59	34.214	5.83	100	10.59	34.214	5.83	26.25	177	179	0.1861
112	9.85	34.412	5.70								

GYUNGBUG 853 , STATION 208-07 , 34-52.0. N, 130-20.9. E, FEB. 8, 1987, 23:20 KST,
 DEPTH 130 , COLOR , TRANS. , WAVE NW 1, SWELL NW 1, WIND NW 3 , BARO 1024. ,
 AIR TEMP. DRY 11.5, WET , CLOUD. TYPE , AMT , WEATHER BC

0	14.23	34.614	6.12	0	14.23	34.614	6.12	25.85	215	214	0.0000
10	14.24	34.610	6.12	10	14.24	34.610	6.12	25.85	215	215	0.0215

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
21	14.24	34.612	6.22	20	14.24	34.611	6.21	25.85	215	215	0.0431
30	14.24	34.610	5.97	30	14.24	34.610	5.97	25.85	215	216	0.0647
49	14.23	34.613	5.87	50	14.22	34.611	5.87	25.85	215	216	0.1079
76	14.03	34.572	5.87	75	14.03	34.573	5.87	25.86	214	216	0.1620
101	12.17	34.385	5.71	100	12.24	34.392	5.71	26.08	193	195	0.2134
120	8.19	34.310	5.68								

GYUNGBUG 853 , STATION 208-08 , 34-45.3. N, 130-30.6. E, FEB. 9.1987, 00:40 KST.
 DEPTH 130 , COLOR , TRANS. , WAVE SW 1, SWELL SW 1, WIND SW 3 , BARO 1024.5,
 AIR TEMP. DRY 11.5, WET , CLOUD. TYPE , AMT , WEATHER

0	14.45	34.626	5.87	0	14.45	34.626	5.87	25.82	218	218	0.0000
11	14.46	34.629	6.02	10	14.45	34.628	6.00	25.82	218	218	0.0218
20	14.46	34.627	5.92	20	14.46	34.627	5.92	25.82	218	219	0.0437
31	14.46	34.625	5.87	30	14.46	34.625	5.87	25.81	219	219	0.0657
50	14.44	34.623	5.92	50	14.44	34.623	5.92	25.82	218	219	0.1096
76	14.22	34.601	5.82	75	14.22	34.601	5.82	25.85	216	217	0.1643
101	14.03	34.581	5.82	100	14.03	34.581	5.82	25.87	213	216	0.2186
114	13.71	34.523	5.82								

GYUNGBUG 853 , STATION 208-09 , 34-38.9. N, 130-40.5. E, FEB. 9.1987, 02:00 KST.
 DEPTH 130 , COLOR , TRANS. , WAVE SW 1, SWELL SW 1, WIND SW 3 , BARO 1024.5,
 AIR TEMP. DRY 12.0, WET , CLOUD. TYPE , AMT , WEATHER

0	14.47	34.634	6.08	0	14.47	34.634	6.08	25.82	218	218	0.0000
10	14.50	34.631	5.97	10	14.50	34.631	5.97	25.81	219	219	0.0218
20	14.50	34.632	5.92	20	14.50	34.632	5.92	25.81	219	219	0.0438
31	14.49	34.630	5.87	30	14.49	34.630	5.87	25.81	219	219	0.0658
50	14.40	34.624	5.82	50	14.40	34.624	5.82	25.83	217	219	0.1097
75	14.09	34.586	5.87	75	14.09	34.586	5.87	25.86	214	216	0.1641
100	13.96	34.589	5.82	100	13.96	34.589	5.82	25.89	211	214	0.2179
116	13.93	34.566	5.77								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

4 月 (April)

GYUNGBUG 853 , STATION 208-01 , 35-28.5. N, 129-27.3. E, APR. 15. 1987, 17:05 KST,
DEPTH 70 , COLOR 3, TRANS. 10.0, WAVE NE 1, SWELL NE 1, WIND NE 2 , BARO 1025. ,
AIR TEMP. DRY 16.0, WET , CLOUD, TYPE AC, AMT 05, WEATHER BC

0	14.50	34.537	6.08	0	14.50	34.537	6.08	25.74	226	226	0.0000
10	14.18	34.556	6.19	10	14.18	34.556	6.19	25.82	218	218	0.0222
20	14.01	34.526	6.25	20	14.01	34.526	6.25	25.83	217	217	0.0440
30	13.71	34.404	6.38	30	13.71	34.404	6.38	25.80	220	220	0.0659
50	13.19	34.479	6.09	50	13.19	34.479	6.09	25.97	204	205	0.1085
67	11.96	34.406	5.89								

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GYUNGBUG 853 , STATION 208-02 , 35-24.3. N, 129-33.8. E, APR. 15. 1987, 16:10 KST,
DEPTH 130 , COLOR 2, TRANS. 16.0, WAVE NE 1, SWELL NE 1, WIND NE 1 , BARO 1025. ,
AIR TEMP. DRY 15.5, WET , CLOUD, TYPE AC, AMT 06, WEATHER BC

0	15.44	34.566	5.97	0	15.44	34.566	5.97	25.55	243	243	0.0000
10	15.30	34.566	5.93	10	15.30	34.566	5.93	25.59	240	240	0.0242
20	14.77	34.515	5.86	20	14.77	34.515	5.86	25.66	233	233	0.0479
30	14.45	34.521	5.90	30	14.45	34.521	5.90	25.74	226	227	0.0709
50	13.04	34.768	5.89	50	13.04	34.768	5.89	26.22	180	181	0.1118
75	11.99	34.658	5.78	75	11.99	34.658	5.78	26.34	169	170	0.1558
98	11.14	34.509	5.89	100	11.08	34.503	5.89	26.39	164	166	0.1980
123	10.44	34.435	5.90								

GYUNGBUG 853 , STATION 208-03 , 35-17.8. N, 129-42.9. E, APR. 15. 1987, 14:35 KST,
DEPTH 150 , COLOR 2, TRANS. 15.0, WAVE NE 1, SWELL NE 1, WIND NE 1 , BARO 1025. ,
AIR TEMP. DRY 16.0, WET , CLOUD, TYPE CC, AMT 04, WEATHER BC

0	15.33	34.552	5.90	0	15.33	34.552	5.90	25.57	242	242	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
10	14.95	34.537	5.88	10	14.95	34.537	5.88	25.64	235	235	0.0238
20	14.90	34.565	5.94	20	14.90	34.565	5.94	25.67	232	232	0.0473
30	14.69	34.566	5.89	30	14.69	34.566	5.89	25.72	228	228	0.0703
50	14.70	34.570	5.89	50	14.70	34.570	5.89	25.72	228	229	0.1161
75	14.04	34.514	6.00	75	14.04	34.514	6.00	25.82	218	220	0.1723
98	13.18	34.460	5.89	100	13.11	34.457	5.89	25.96	204	207	0.2258
122	12.37	34.429	5.95	125	12.31	34.427	5.94	26.10	192	194	0.2760
145	11.94	34.414	5.92								

GYUNGBUG 853 , STATION 208-04 , 35-11.1. N, 129-52.7. E, APR. 15, 1987, 13:15 KST,
 DEPTH 143 , COLOR 2, TRANS. 15.0, WAVE NE 1, SWELL NE 1, WIND NE 2 , BARO 1025. ,
 AIR TEMP. DRY 15.0, WET , CLOUD. TYPE CC, AMT 02, WEATHER B

0	15.78	34.621	6.01	0	15.78	34.621	6.01	25.52	247	246	0.0000
10	15.81	34.621	6.01	10	15.81	34.621	6.01	25.51	247	247	0.0247
20	15.34	34.630	6.07	20	15.34	34.630	6.07	25.63	237	237	0.0489
30	15.30	34.618	5.90	30	15.30	34.618	5.90	25.63	237	237	0.0727
50	15.29	34.623	5.88	50	15.29	34.623	5.88	25.63	236	237	0.1202
75	15.19	34.595	5.80	75	15.19	34.595	5.80	25.63	236	238	0.1796
99	15.04	34.623	5.69	100	15.03	34.621	5.68	25.69	231	233	0.2386
123	14.95	34.596	5.68	125	14.94	34.587	5.68	25.68	231	234	0.2972
140	14.90	34.526	5.68								

GYUNGBUG 853 , STATION 208-05 , 35-04.8. N, 130-02.0. E, APR. 15, 1987, 11:50 KST,
 DEPTH 140 , COLOR 2, TRANS. 16.0, WAVE NE 1, SWELL NE 1, WIND NE 1 , BARO 1026. ,
 AIR TEMP. DRY 17.2, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	15.51	34.634	5.90	0	15.51	34.634	5.90	25.59	240	240	0.0000
10	14.95	34.611	5.89	10	14.95	34.611	5.89	25.70	230	230	0.0235
20	14.92	34.543	5.72	20	14.92	34.543	5.72	25.65	234	234	0.0467
30	14.90	34.619	5.66	30	14.90	34.619	5.66	25.71	228	229	0.0699

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	O2	DEPTH	TEMP	SAL	O2	SIGMA-T	D-T	SVA	D-DY

50	14.90	34.594	5.68	50	14.90	34.594	5.68	25.69	230	231	0.1160
75	14.88	34.597	5.69	75	14.88	34.597	5.69	25.70	229	231	0.1739
98	14.84	34.627	5.69	100	14.84	34.620	5.69	25.73	227	229	0.2315
122	14.87	34.550	5.73	125	14.85	34.540	5.73	25.66	233	236	0.2898
137	14.79	34.504	5.77								

GYUNGBUG 853 , STATION 208-06 , 34-58.2. N, 130-11.9. E, APR. 15, 1987, 10:35 KST,
 DEPTH 135 , COLOR 2, TRANS. 15.0, WAVE NE 1, SWELL NE 1, WIND NE 1 , BARO 1026. ,
 AIR TEMP. DRY 18.4, WET , CLOUD, TYPE , AMT 00, WEATHER B

0	15.58	34.677	5.89	0	15.58	34.677	5.89	25.61	238	238	0.0000
10	15.57	34.650	6.00	10	15.57	34.650	6.00	25.59	240	240	0.0239
20	15.42	34.638	5.89	20	15.42	34.638	5.89	25.61	238	238	0.0478
30	15.41	34.672	5.81	30	15.41	34.672	5.81	25.64	235	235	0.0715
50	15.34	34.629	5.89	50	15.34	34.629	5.89	25.62	237	238	0.1190
75	15.29	34.640	5.68	75	15.29	34.640	5.68	25.64	235	237	0.1784
97	15.26	34.650	5.55	100	15.17	34.649	5.53	25.68	232	234	0.2373
122	14.59	34.642	5.41								

GYUNGBUG 853 , STATION 208-07 , 34-52.0. N, 130-20.9. E, APR. 15, 1987, 09:15 KST,
 DEPTH 130 , COLOR 3, TRANS. 12.0, WAVE NE 1, SWELL NE 1, WIND NE 1 , BARO 1026. ,
 AIR TEMP. DRY 17.5, WET , CLOUD, TYPE , AMT 00, WEATHER B

0	14.80	34.678	6.20	0	14.80	34.678	6.20	25.73	222	221	0.0000
10	14.75	34.643	6.40	10	14.75	34.643	6.40	25.76	223	223	0.0222
20	14.77	34.636	6.29	20	14.77	34.636	6.29	25.76	224	224	0.0447
30	14.67	34.631	6.14	30	14.67	34.631	6.14	25.77	222	223	0.0671
50	14.64	34.627	6.02	50	14.64	34.627	6.02	25.78	222	223	0.1118
75	14.59	34.651	6.00	75	14.59	34.651	6.00	25.81	219	221	0.1675
98	14.61	34.698	5.79	100	14.60	34.695	5.78	25.84	216	219	0.2226
123	14.58	34.665	5.72								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 208-08 , 34-45.3. N. 130-30.6. E. APR. 15. 1987, 07:55 KST,
 DEPTH 130 , COLOR 4, TRANS. 7.0, WAVE NE 1, SWELL NE 1, WIND NE 1 , BARO 1026. ,
 AIR TEMP. DRY 15.6, WET , CLOUD, TYPE , AMT 00, WEATHER B

0	14.80	34.683	6.47	0	14.80	34.683	6.47	25.78	221	221	0.0000
10	14.75	34.649	6.31	10	14.75	34.649	6.31	25.77	223	223	0.0222
20	14.74	34.644	6.23	20	14.74	34.644	6.23	25.77	223	223	0.0445
30	14.66	34.645	6.21	30	14.66	34.645	6.21	25.79	221	222	0.0668
50	14.58	34.624	6.00	50	14.58	34.624	6.00	25.79	221	222	0.1113
75	14.54	34.697	5.99	75	14.54	34.697	5.99	25.85	215	217	0.1663
97	14.49	34.643	5.67	100	14.48	34.642	5.65	25.82	218	220	0.2211
122	14.44	34.639	5.58								

GYUNGBUG 853 , STATION 208-09 , 34-38.9. N. 130-40.5. E. APR. 15. 1987, 06:30 KST,
 DEPTH 130 , COLOR 3, TRANS. 13.0, WAVE NE 1, SWELL NE 1, WIND NE 1 , BARO 1026. ,
 AIR TEMP. DRY 14.0, WET , CLOUD, TYPE 00, AMT 02, WEATHER B

0	15.00	34.653	5.89	0	15.00	34.653	5.89	25.72	228	227	0.0000
10	15.00	34.650	5.90	10	15.00	34.650	5.90	25.72	228	228	0.0228
20	15.00	34.646	6.00	20	15.00	34.646	6.00	25.71	228	228	0.0456
30	15.00	34.672	5.78	30	15.00	34.672	5.78	25.73	226	227	0.0684
50	15.00	34.642	5.90	50	15.00	34.642	5.90	25.71	228	230	0.1142
75	15.01	34.656	5.89	75	15.01	34.656	5.89	25.72	228	229	0.1717
100	15.00	34.683	5.69	100	15.00	34.683	5.69	25.74	225	228	0.2290
125	14.95	34.667	5.59	125	14.95	34.667	5.59	25.74	226	229	0.2862

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

6月(June)

GYUNGBUG 853 , STATION 208-01 , 35-28.5. N, 129-27.3. E, JUN.10, 1987, 15:00 KST,
 DEPTH 70 , COLOR 4, TRANS. 13.0, WAVE SE 1, SWELL SE 1, WIND SE 4 , BARO 1015. ,
 AIR TEMP. DRY 21.5, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	18.43	33.474	5.02	0	18.43	33.474	5.02	24.01	390	0.0000
10	17.22	33.497	5.55	10	17.22	33.497	5.55	24.33	360	0.0375
20	16.80	33.640	5.50	20	16.80	33.640	5.50	24.53	341	0.0726
30	15.57	33.864	5.29	30	15.57	33.864	5.29	24.99	297	0.1046
50	13.61	34.141	4.90	50	13.61	34.141	4.90	25.62	237	0.1583
68	7.69	34.270	4.42							

GYUNGBUG 853 , STATION 208-02 , 35-24.3. N, 129-33.8. E, JUN.10, 1987, 16:00 KST,
 DEPTH 130 , COLOR 3, TRANS. 16.0, WAVE SE 1, SWELL SE 1, WIND SE 4 , BARO 1014.5,
 AIR TEMP. DRY 21.0, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	19.61	33.698	4.93	0	19.61	33.698	4.93	23.89	402	0.0000
10	18.04	33.463	5.14	10	18.04	33.463	5.14	24.10	382	0.0392
20	16.82	34.219	5.03	20	16.82	34.219	5.03	24.97	299	0.0732
30	14.68	34.320	4.92	30	14.68	34.320	4.92	25.53	245	0.1005
50	14.08	34.444	5.34	50	14.08	34.444	5.34	25.75	224	0.1478
75	14.34	34.435	4.21	75	14.34	34.435	4.21	25.69	230	0.2050
98	14.21	34.419	4.21	100	14.21	34.420	4.22	25.71	229	0.2630
122	14.23	34.432	4.42							

GYUNGBUG 853 , STATION 208-03 , 35-17.8. N, 129-42.9. E, JUN.10, 1987, 17:00 KST,
 DEPTH 150 , COLOR 3, TRANS. 16.0, WAVE SE 1, SWELL SE 1, WIND SE 4 , BARO 1015. ,
 AIR TEMP. DRY 21.0, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	19.51	33.854	5.03	0	19.51	33.854	5.03	24.03	388	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
10	19.00	33.858	4.93	10	19.00	33.858	4.93	24.16	376	376	0.0382
20	14.73	34.372	5.24	20	14.73	34.372	5.24	25.56	243	243	0.0692
30	14.46	34.280	4.70	30	14.46	34.280	4.70	25.55	244	244	0.0936
50	14.42	34.443	4.52	50	14.42	34.443	4.52	25.68	231	232	0.1413
75	14.46	34.465	4.11	75	14.46	34.465	4.11	25.69	230	232	0.1995
99	14.52	34.481	4.32	100	14.51	34.481	4.31	25.69	230	233	0.2577
123	14.49	34.496	4.21	125	14.48	34.501	4.22	25.71	228	231	0.3158
145	14.48	34.561	4.42								

GYUNGBUG 853 , STATION 208-04 , 35-11.1. N. 129-52.7. E, JUN. 10. 1987, 18:20 KST,
 DEPTH 143 , COLOR 3, TRANS. 15.0, WAVE SE 1, SWELL SE 1, WIND SE 4 , BARO 1015. ,
 AIR TEMP. DRY 21.0, WET , CLOUD. TYPE , AMT 00. WEATHER B

0	19.41	33.888	5.50	0	19.41	33.888	5.50	24.08	383	383	0.0000
10	19.18	33.812	5.24	10	19.18	33.812	5.24	24.08	383	383	0.0383
20	18.99	33.848	5.34	20	18.99	33.848	5.34	24.16	376	376	0.0764
30	18.85	33.857	5.45	30	18.85	33.857	5.45	24.20	372	373	0.1139
50	18.19	34.148	6.11	50	18.19	34.148	6.11	24.59	335	336	0.1849
75	17.50	34.183	5.75	75	17.50	34.183	5.75	24.78	317	319	0.2669
98	16.27	34.323	5.34	100	16.20	34.345	5.32	25.21	276	278	0.3416
122	15.52	34.598	5.14	125	15.46	34.603	5.13	25.58	241	244	0.4071
140	15.18	34.633	5.10								

GYUNGBUG 853 , STATION 208-05 , 35-04.8. N. 130-02.0. E, JUN. 10. 1987, 19:40 KST,
 DEPTH 140 , COLOR , TRANS. 1, SWELL SE 1, WIND SE 4 , BARO 1015.5,
 AIR TEMP. DRY 19.1, WET , CLOUD. TYPE , AMT 00. WEATHER B

0	19.16	34.055	5.45	0	19.16	34.055	5.45	24.27	365	365	0.0000
10	18.16	33.997	5.75	10	18.16	33.997	5.75	24.48	346	346	0.0355
20	18.09	34.024	5.34	20	18.09	34.024	5.34	24.52	342	342	0.0700
30	18.07	34.018	5.86	30	18.07	34.018	5.86	24.52	342	342	0.1042

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
50	17.47	34.414	5.75	50	17.47	34.414	5.75	24.97	299	300	0.1686
75	16.54	34.536	5.81	75	16.54	34.536	5.81	25.28	269	271	0.2402
99	15.88	34.607	5.34	100	15.86	34.606	5.33	25.49	249	252	0.3057
123	15.47	34.601	5.24	125	15.43	34.603	5.15	25.58	240	244	0.3678
135	15.27	34.617	4.73								
GYUNGRUG 853 , STATION 208-06 , 34-58.2. N. 130-11.9. E, JUN. 10. 1987, 21:00 KST, DEPTH 135 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 4 , BARO 1015.5, AIR TEMP. DRY 19.0, WET , CLOUD. TYPE , AMT 00, WEATHER B											
0	19.68	34.276	5.55	0	19.68	34.276	5.55	24.31	362	362	0.0000
10	18.90	34.221	5.45	10	18.90	34.221	5.45	24.47	347	347	0.0354
20	18.77	34.204	5.65	20	18.77	34.204	5.65	24.49	345	345	0.0701
30	18.69	34.189	5.65	30	18.69	34.189	5.65	24.49	344	345	0.1046
50	18.01	34.264	5.86	50	18.01	34.264	5.86	24.72	323	324	0.1716
75	16.09	34.573	5.96	75	16.09	34.573	5.96	25.41	257	259	0.2445
98	15.70	34.586	5.55	100	15.68	34.587	5.48	25.52	247	250	0.3081
121	15.53	34.602	4.83								
GYUNGRUG 853 , STATION 208-07 , 34-52.0. N. 130-20.9. E, JUN. 10. 1987, 22:15 KST, DEPTH 130 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 4 , BARO 1016. , AIR TEMP. DRY 19.0, WET , CLOUD. TYPE , AMT 00, WEATHER B											
0	19.62	34.150	5.45	0	19.62	34.150	5.45	24.23	370	369	0.0000
10	19.61	34.111	5.75	10	19.61	34.111	5.75	24.20	372	372	0.0371
20	19.51	34.121	5.55	20	19.51	34.121	5.55	24.23	369	369	0.0742
30	18.86	34.206	5.96	30	18.86	34.206	5.96	24.47	347	348	0.1101
50	17.20	34.391	5.29	50	17.20	34.391	5.29	25.01	295	296	0.1745
75	16.05	34.471	5.19	75	16.05	34.471	5.19	25.34	263	265	0.2448
98	15.80	34.704	5.14	100	15.78	34.696	5.17	25.58	241	244	0.3085
121	15.65	34.615	5.50								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 208-08 , 34-45.3. N, 130-30.6. E, JUN. 11, 1987, 23:30 KST,
 DEPTH 130 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 4 , BARO 1016. ,
 AIR TEMP. DRY 19.0, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	19.39	33.898	5.86	0	19.39	33.898	5.86	24.10	382	382	0.0000
10	19.44	33.918	5.50	10	19.44	33.918	5.50	24.10	382	382	0.0382
20	19.16	33.940	5.16	20	19.16	33.940	5.16	24.19	374	374	0.0760
30	18.09	34.454	4.98	30	18.09	34.454	4.98	24.85	311	311	0.1103
50	16.06	34.507	5.24	50	16.06	34.507	5.24	25.37	261	262	0.1678
75	15.92	34.503	5.98	75	15.92	34.503	5.98	25.40	258	260	0.2331
98	15.91	34.522	5.55	100	15.90	34.503	5.51	25.40	258	260	0.2983
122	15.87	34.301	5.14								

GYUNGBUG 853 , STATION 208-09 , 34-38.9. N, 130-40.5. E, JUN. 11, 1987, 00:45 KST,
 DEPTH 130 , COLOR , TRANS. , WAVE SE 2, SWELL SE 1, WIND SE 5 , BARO 1016.5,
 AIR TEMP. DRY 19.0, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	20.50	33.893	5.65	0	20.50	33.893	5.65	23.80	410	410	0.0000
10	20.52	33.866	5.24	10	20.52	33.866	5.24	23.78	413	413	0.0411
20	20.32	33.869	6.06	20	20.32	33.869	6.06	23.83	407	408	0.0822
30	17.85	34.185	5.34	30	17.85	34.185	5.34	24.70	325	325	0.1189
50	16.57	34.258	5.39	50	16.57	34.258	5.39	25.06	290	291	0.1806
75	16.04	34.470	4.78	75	16.04	34.470	4.78	25.34	263	265	0.2503
98	15.74	34.716	5.65	100	15.72	34.703	5.59	25.60	239	242	0.3138
122	15.54	34.570	4.98								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

8月(August)

GYUNGBUG 853 , STATION 208-01 , 35-28.5. N, 129-27.3. E, AUG. 13. 1987, 06:10 KST,
 DEPTH 70 , COLOR 4, TRANS. 5.0, WAVE SE 1, SWELL SE 1, WIND SE 1 , BARO 1018. ,
 AIR TEMP. DRY 21.0, WET , CLOUD. TYPE NS, AMT 07, WEATHER BC

0	17.99	32.156	5.26	0	17.99	32.156	5.26	23.12	476	475	0.0000
10	17.27	32.546	4.96	10	17.27	32.546	4.96	23.59	431	431	0.0453
20	14.18	33.322	4.65	20	14.18	33.322	4.65	24.87	308	309	0.0823
30	13.18	33.599	4.25	30	13.18	33.599	4.25	25.29	269	269	0.1112
50	11.14	33.805	4.20	50	11.14	33.805	4.20	25.84	217	217	0.1600
68	8.07	34.066	4.15								

GYUNGBUG 853 , STATION 208-02 , 35-24.3. N, 129-33.8. E, AUG. 13. 1987, 07:15 KST,
 DEPTH 130 , COLOR 3, TRANS. 12.0, WAVE SE 1, SWELL SE 1, WIND SE 1 , BARO 1018. ,
 AIR TEMP. DRY 23.4, WET , CLOUD. TYPE NS, AMT 09, WEATHER C

0	17.89	31.665	4.86	0	17.89	31.665	4.86	22.77	509	509	0.0000
10	17.32	33.046	4.65	10	17.32	33.046	4.65	23.96	395	395	0.0452
20	16.10	34.009	4.40	20	16.10	34.009	4.40	24.98	298	298	0.0799
30	15.29	34.123	4.24	30	15.29	34.123	4.24	25.25	273	273	0.1086
50	15.04	34.248	4.04	50	15.04	34.248	4.04	25.40	258	259	0.1619
75	14.62	34.356	3.94	75	14.62	34.356	3.94	25.57	242	243	0.2248
98	13.12	34.294	3.85	100	13.00	34.292	3.84	25.86	214	217	0.2824
123	11.68	34.275	3.74								

GYUNGBUG 853 , STATION 208-03 , 35-17.8. N, 129-42.9. E, AUG. 13. 1987, 08:30 KST,
 DEPTH 150 , COLOR 2, TRANS. 20.0, WAVE SE 1, SWELL SE 1, WIND SE 2 , BARO 1018.5,
 AIR TEMP. DRY 24.0, WET , CLOUD. TYPE NS, AMT 09, WEATHER C

0	24.05	31.748	4.65	0	24.05	31.748	4.65	21.19	660	660	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
10	24.10	31.862	4.60	10	24.10	31.862	4.60	21.26	653	653	0.0657
20	20.15	33.296	4.45	20	20.15	33.296	4.45	23.44	445	445	0.1206
30	18.19	34.069	4.20	30	18.19	34.069	4.20	24.53	341	342	0.1600
50	17.61	34.195	4.09	50	17.61	34.195	4.09	24.77	318	320	0.2262
75	16.20	34.124	3.84	75	16.20	34.124	3.84	25.04	292	294	0.3030
99	15.91	34.275	3.69	100	15.89	34.277	3.68	25.23	274	277	0.3744
123	15.66	34.330	3.64	125	15.64	34.336	3.62	25.33	264	268	0.4426
146	15.48	34.408	3.49								

GYUNGRUG 853 , STATION 208-04 , 35-11.1. N. 129-52.7. E, AUG.13.1987, 09:50 KST,
 DEPTH 150 , COLOR 2, TRANS. 21.0, WAVE SE 1, SWELL SE 1, WIND SE 3 , BARO 1018. ,
 AIR TEMP. DRY 25.5, WET , CLOUD, TYPE , AMT 00, WEATHER B

0	23.60	32.281	4.45	0	23.60	32.281	4.45	21.72	609	609	0.0000
10	23.89	32.996	4.45	10	23.89	32.996	4.45	22.18	565	566	0.0587
20	23.59	33.121	4.55	20	23.59	33.121	4.55	22.36	548	548	0.1145
30	21.99	33.442	4.55	30	21.99	33.442	4.55	23.06	481	482	0.1660
50	19.96	33.879	4.15	50	19.96	33.879	4.15	23.93	398	399	0.2542
75	18.56	33.905	4.35	75	18.56	33.905	4.35	24.31	362	364	0.3497
97	17.81	34.050	4.35	100	17.65	34.067	4.30	24.66	329	331	0.4366
123	16.43	34.202	4.00	125	16.37	34.206	3.98	25.07	290	293	0.5148
147	15.77	34.257	3.80								

GYUNGRUG 853 , STATION 208-05 , 35-04.8. N. 130-02.0. E, AUG.13.1987, 21:20 KST,
 DEPTH 140 , COLOR , TRANS. , WAVE SE 2, SWELL SE 1, WIND SE 4 , BARO 1017. ,
 AIR TEMP. DRY 24.8, WET , CLOUD, TYPE , AMT , WEATHER

0	24.30	32.365	4.81	0	24.30	32.365	4.81	21.58	623	622	0.0000
10	23.27	32.424	4.96	10	23.27	32.424	4.96	21.92	590	590	0.0606
20	22.97	32.729	4.91	20	22.97	32.729	4.91	22.24	559	560	0.1181

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

30	22.80	32.983	4.76	30	22.80	32.983	4.76	22.48	536	537	0.1730
50	21.95	33.842	4.76	50	21.95	33.842	4.76	23.37	451	453	0.2721
75	20.86	33.866	4.50	75	20.86	33.866	4.50	23.69	421	423	0.3817
97	19.31	33.991	4.36	100	19.07	34.012	4.34	24.26	366	369	0.4809
122	17.33	34.171	4.25	125	17.03	34.191	4.25	24.90	306	309	0.5657
135	16.07	34.258	4.25								

GYUNGBUG 853 , STATION 208-06 , 34-58.2. N, 130-11.9. E, AUG. 13. 1987, 22:35 KST,
 DEPTH 130 , COLOR , TRANS. , WAVE SE 2, SWELL SE 1, WIND SE 4 , BARO 1017. ,
 AIR TEMP. DRY 24.7, WET , CLOUD. TYPE , AMT , WEATHER

0	24.35	32.598	4.76	0	24.35	32.598	4.76	21.74	607	607	0.0000
10	24.10	32.794	4.76	10	24.10	32.794	4.76	21.96	586	586	0.0596
20	23.88	33.137	4.81	20	23.88	33.137	4.81	22.29	555	555	0.1168
30	22.81	33.398	4.86	30	22.81	33.398	4.86	22.79	507	507	0.1699
50	21.17	33.736	4.65	50	21.17	33.736	4.65	23.50	439	440	0.2648
75	20.76	33.789	4.55	75	20.76	33.789	4.55	23.65	424	426	0.3732
98	19.15	33.995	4.35	100	18.97	34.001	4.33	24.28	364	367	0.4725
122	16.99	34.072	4.20								

GYUNGBUG 853 , STATION 208-07 , 34-52.0. N, 130-20.9. E, AUG. 13. 1987, 23:50 KST,
 DEPTH 130 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 4 , BARO 1017. ,
 AIR TEMP. DRY 24.2, WET , CLOUD. TYPE , AMT , WEATHER

0	24.80	32.008	4.65	0	24.80	32.008	4.65	21.16	663	662	0.0000
10	24.77	31.946	4.71	10	24.77	31.946	4.71	21.13	666	666	0.0664
20	24.08	32.851	4.65	20	24.08	32.851	4.65	22.01	581	582	0.1289
30	23.76	33.344	4.71	30	23.76	33.344	4.71	22.48	537	537	0.1849
50	21.35	33.750	4.60	50	21.35	33.750	4.60	23.46	442	444	0.2831
75	18.98	34.158	4.25	75	18.98	34.158	4.25	24.40	353	355	0.3831
99	16.70	34.308	3.95	100	16.68	34.308	3.95	25.07	289	292	0.4641
124	16.40	34.320	3.95								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 208-08 , 34-45.3. N. 130-30.6. E. AUG. 14. 1987. 01:05 KST,
 DEPTH 130 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 3 , BARO 1017. ,
 AIR TEMP. DRY 24.5, WET , CLOUD. TYPE , AMT , WEATHER

0	24.79	32.552	4.71	0	24.79	32.552	4.71	21.58	623	623	0.0000
10	24.52	32.484	4.78	10	24.52	32.484	4.78	21.60	620	620	0.0621
20	23.91	33.021	4.77	20	23.91	33.021	4.77	22.19	564	565	0.1214
30	23.48	33.417	4.60	30	23.48	33.417	4.60	22.61	524	524	0.1759
50	22.66	34.025	4.49	50	22.66	34.025	4.49	23.31	457	459	0.2743
75	20.84	34.270	4.17	75	20.84	34.270	4.17	24.00	392	394	0.3810
98	18.31	34.347	3.90	100	18.21	34.350	3.90	24.74	321	324	0.4708
124	17.08	34.395	3.91								

GYUNGBUG 853 , STATION 208-09 , 34-38.9. N. 130-40.5. E. AUG. 14. 1987. 02:20 KST,
 DEPTH 130 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 3 , BARO 1017. ,
 AIR TEMP. DRY 25.0, WET , CLOUD. TYPE , AMT , WEATHER

0	24.84	32.245	4.62	0	24.84	32.245	4.62	21.33	647	646	0.0000
10	24.93	32.916	4.87	10	24.93	32.916	4.87	21.81	601	601	0.0624
20	24.92	33.021	4.63	20	24.92	33.021	4.63	21.89	593	593	0.1221
30	23.98	33.348	4.63	30	23.98	33.348	4.63	22.42	543	543	0.1790
50	22.18	34.081	4.56	50	22.18	34.081	4.56	23.49	440	442	0.2776
75	21.38	34.188	4.10	75	21.38	34.188	4.10	23.79	411	414	0.3846
99	19.53	34.447	3.89	100	19.43	34.446	3.89	24.50	344	346	0.4797
123	17.27	34.424	4.02								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

10月(October)

GYUNGBUG 853 , STATION 208--01 , 35--28.5. N, 129--27.3. E, OCT.23.1987, 06:35 KST,
 DEPTH 70 , COLOR , TRANS. , WAVE NW 3, SWELL NW 1, WIND NW 5 , BARO 1030. ,
 AIR TEMP. DRY 15.0, WET , CLOUD. TYPE , AMT , WEATHER

0	19.27	33.104	5.26	0	19.27	33.104	5.26	23.52	437	437	0.0000
10	19.24	33.095	5.17	10	19.24	33.095	5.17	23.52	437	437	0.0437
20	19.22	33.053	5.46	20	19.22	33.053	5.46	23.50	439	440	0.0875
30	19.21	33.044	5.17	30	19.21	33.044	5.17	23.49	440	440	0.1316
50	17.07	33.713	4.57	50	17.07	33.713	4.57	24.53	341	342	0.2100
68	14.77	34.367	3.78								

GYUNGBUG 853 , STATION 208--02 , 35--24.3. N, 129--33.8. E, OCT.23.1987, 05:35 KST,
 DEPTH 130 , COLOR , TRANS. , WAVE NW 3, SWELL NW 1, WIND NW 5 , BARO 1030. ,
 AIR TEMP. DRY 15.0, WET , CLOUD. TYPE , AMT , WEATHER

0	19.68	33.025	5.07	0	19.68	33.025	5.07	23.36	453	452	0.0000
10	19.67	32.982	5.07	10	19.67	32.982	5.07	23.33	456	456	0.0454
20	19.71	32.978	5.02	20	19.71	32.978	5.02	23.31	457	457	0.0911
30	19.73	32.967	5.12	30	19.73	32.967	5.12	23.30	458	459	0.1369
50	19.49	32.985	4.62	50	19.49	32.985	4.62	23.38	451	452	0.2281
75	16.50	34.214	3.83	75	16.50	34.214	3.83	25.04	292	294	0.3214
99	15.94	34.579	3.63	100	15.96	34.578	3.63	25.44	254	256	0.3903
123	16.54	34.555	3.63								

GYUNGBUG 853 , STATION 208--03 , 35--17.8. N, 129--42.9. E, OCT.23.1987, 04:20 KST,
 DEPTH 150 , COLOR , TRANS. , WAVE NW 3, SWELL NW 1, WIND NW 5 , BARO 1030. ,
 AIR TEMP. DRY 15.5, WET , CLOUD. TYPE , AMT , WEATHER

0	21.88	33.985	5.07	0	21.88	33.985	5.07	23.50	439	439	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
10	21.78	33.966	4.87	10	21.78	33.966	4.87	23.51	438	438	0.0439
20	21.80	33.951	4.87	20	21.80	33.951	4.87	23.49	440	440	0.0878
30	22.01	34.056	4.77	30	22.01	34.056	4.77	23.51	438	438	0.1318
50	22.62	34.250	4.82	50	22.62	34.250	4.82	23.49	440	441	0.2198
75	20.89	34.219	4.58	75	20.89	34.219	4.58	23.95	397	399	0.3249
99	16.57	34.567	3.98	100	16.54	34.562	3.96	25.30	267	270	0.4086
124	15.82	34.464	3.58	125	15.78	34.470	3.58	25.40	258	261	0.4751
146	15.03	34.606	3.63								

GYUNGBUG 853 , STATION 208-04 , 35-11.1. N. 129-52.7. E, OCT.23.1987, 03:05 KST,
 DEPTH 143 , COLOR , TRANS. , WAVE NE 3, SWELL NE 1, WIND NE 5 , BARO 1030. ,
 AIR TEMP. DRY 16.5, WET , CLOUD. TYPE , AMT , WEATHER

0	22.55	34.311	4.87	0	22.55	34.311	4.87	23.56	434	433	0.0000
10	22.57	34.321	4.87	10	22.57	34.321	4.87	23.56	433	433	0.0433
20	22.54	34.289	4.87	20	22.54	34.289	4.87	23.54	435	435	0.0868
30	22.54	34.293	4.87	30	22.54	34.293	4.87	23.55	435	435	0.1304
50	22.56	34.288	4.77	50	22.56	34.288	4.77	23.54	436	437	0.2177
75	22.54	34.305	4.87	75	22.54	34.305	4.87	23.55	434	436	0.3270
98	22.57	34.298	4.27	100	22.15	34.297	4.30	23.66	424	427	0.4349
123	17.34	34.297	4.68	125	17.23	34.315	4.54	24.95	301	304	0.5265
139	16.50	34.442	3.63								

GYUNGBUG 853 , STATION 208-05 , 35-04.8. N. 130-02.0. E, OCT.23.1987, 01:50 KST,
 DEPTH 140 , COLOR , TRANS. , WAVE NE 3, SWELL NE 1, WIND NE 5 , BARO 1029. ,
 AIR TEMP. DRY 16.0, WET , CLOUD. TYPE , AMT , WEATHER

0	21.34	33.875	4.97	0	21.34	33.875	4.97	23.56	433	433	0.0000
10	21.31	33.858	5.02	10	21.31	33.858	5.02	23.56	434	434	0.0433
20	21.32	33.863	4.97	20	21.32	33.863	4.97	23.56	433	434	0.0867

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
30	21.65	33.853	4.97	30	21.65	33.853	4.97	23.46	443	443	0.1306
50	21.34	33.863	4.97	50	21.34	33.863	4.97	23.55	434	435	0.2186
75	21.35	33.872	5.07	75	21.35	33.872	5.07	23.56	434	436	0.3276
99	21.35	33.860	4.67	100	21.29	33.887	4.64	23.58	431	434	0.4364
124	20.01	34.539	3.97	125	19.79	34.533	3.94	24.48	346	350	0.5345
137	17.17	34.466	3.63								

GYUNGRUG 853 , STATION 208-06 , 34-58.2. N, 130-11.9. E, OCT. 23. 1987, 00:35 KST,
 DEPTH 135 , COLOR , TRANS. , WAVE NE 3, SWELL NE 1, WIND NE 5 , BARO 1029. ,
 AIR TEMP. DRY 16.5, WET , CLOUD, TYPE , AMT , WEATHER

0	22.23	34.200	4.82	0	22.23	34.200	4.82	23.56	433	433	0.0000
10	22.26	34.114	4.77	10	22.26	34.114	4.77	23.49	440	440	0.0436
20	22.28	34.216	4.77	20	22.28	34.216	4.77	23.56	433	434	0.0874
30	22.27	34.226	4.82	30	22.27	34.226	4.82	23.57	432	433	0.1308
50	22.26	34.197	4.77	50	22.26	34.197	4.77	23.55	434	435	0.2177
75	22.25	34.197	4.97	75	22.25	34.197	4.97	23.55	434	436	0.3267
98	18.60	34.199	4.62	100	18.43	34.206	4.55	24.57	337	339	0.4238
122	16.60	34.289	3.88								

GYUNGRUG 853 , STATION 208-07 , 34-52.0. N, 130-20.9. E, OCT. 22. 1987, 23:20 KST,
 DEPTH 130 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1028. ,
 AIR TEMP. DRY 15.7, WET , CLOUD, TYPE , AMT , WEATHER

0	21.19	33.891	4.92	0	21.19	33.891	4.92	23.61	428	428	0.0000
10	21.24	33.807	5.02	10	21.24	33.807	5.02	23.54	435	435	0.0432
20	21.33	33.798	4.97	20	21.33	33.798	4.97	23.51	438	439	0.0869
30	21.35	33.813	4.96	30	21.35	33.813	4.96	23.51	438	438	0.1308
50	21.38	33.859	4.82	50	21.38	33.859	4.82	23.54	435	437	0.2184
75	18.75	34.299	4.63	75	18.75	34.299	4.63	24.56	338	340	0.3156
98	18.04	34.457	4.58	100	17.99	34.457	4.50	24.87	308	311	0.3970
123	17.50	34.467	3.58								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 208-08 , 34-45.3. N, 130-30.6. E, OCT. 22. 1987, 22:05 KST,
 DEPTH 130 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1028. ,
 AIR TEMP. DRY 15.0, WET , CLOUD, TYPE , AMT , WEATHER

0	21.51	33.910	4.97	0	21.51	33.910	4.97	23.54	435	435	0.0000
10	21.58	33.865	4.97	10	21.58	33.865	4.97	23.49	440	440	0.0437
20	21.63	33.862	4.97	20	21.63	33.862	4.97	23.47	442	442	0.0879
30	21.65	33.869	4.77	30	21.65	33.869	4.77	23.47	442	442	0.1321
50	21.72	33.933	4.82	50	21.72	33.933	4.82	23.50	439	440	0.2205
75	18.35	33.996	4.63	75	18.35	33.996	4.63	24.43	350	352	0.3196
99	17.51	34.553	4.08	100	17.47	34.552	4.05	25.07	289	292	0.4003
123	16.78	34.547	3.58								

GYUNGBUG 853 , STATION 208-09 , 34-38.9. N, 130-40.5. E, OCT. 22. 1987, 20:50 KST,
 DEPTH 130 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1027. ,
 AIR TEMP. DRY 16.0, WET , CLOUD, TYPE , AMT , WEATHER

0	21.54	33.854	4.77	0	21.54	33.854	4.77	23.49	440	440	0.0000
10	21.52	33.833	4.77	10	21.52	33.833	4.77	23.48	441	441	0.0440
20	21.54	33.832	4.62	20	21.54	33.832	4.62	23.47	441	442	0.0882
30	21.58	33.833	4.57	30	21.58	33.833	4.57	23.46	442	443	0.1325
50	21.63	33.885	4.67	50	21.63	33.885	4.67	23.49	440	441	0.2210
75	21.79	33.940	4.47	75	21.79	33.940	4.47	23.49	440	442	0.3316
98	16.91	34.183	4.08	100	16.88	34.195	4.04	24.94	302	304	0.4250
123	16.58	34.338	3.58								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

12月(December)

GYUNGBUG 853 , STATION 208-01 , 35-28.5. N, 129-27.3. E, DEC.25.1987, 05:00 KST,
 DEPTH 70 , COLOR , TRANS. , WAVE SW 1, SWELL SW 1, WIND SW 3 , BARO 1024. ,
 AIR TEMP. DRY 13.9, WET , CLOUD. TYPE , AMT , WEATHER

0	13.72	34.179	5.13	0	13.72	34.179	5.13	25.63	237	236	0.0000
10	13.70	34.209	5.45	10	13.70	34.209	5.45	25.65	234	234	0.0235
20	13.68	34.146	5.76	20	13.68	34.146	5.76	25.61	238	238	0.0472
30	13.60	34.203	5.76	30	13.60	34.203	5.76	25.67	232	233	0.0708
50	13.37	34.163	5.65	50	13.37	34.163	5.65	25.68	231	232	0.1173
65	13.30	34.225	5.76								

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GYUNGBUG 853 , STATION 208-02 , 35-24.3. N, 129-33.8. E, DEC.25.1987, 06:00 KST,
 DEPTH 130 , COLOR , TRANS. , WAVE SW 1, SWELL SW 1, WIND SW 3 , BARO 1024. ,
 AIR TEMP. DRY 14.5, WET , CLOUD. TYPE , AMT , WEATHER

0	15.42	34.178	5.28	0	15.42	34.178	5.28	25.26	271	271	0.0000
10	15.40	34.174	5.45	10	15.40	34.174	5.45	25.26	271	271	0.0271
20	15.38	34.160	5.57	20	15.38	34.160	5.57	25.26	272	272	0.0543
30	15.42	34.159	5.69	30	15.42	34.159	5.69	25.25	273	273	0.0816
50	15.26	34.140	5.57	50	15.26	34.140	5.57	25.27	271	272	0.1362
75	14.12	34.095	5.76	75	14.12	34.095	5.76	25.48	251	252	0.2018
98	14.04	34.228	5.40	100	13.81	34.228	5.40	25.64	235	237	0.2631
123	11.22	34.231	5.45								

GYUNGBUG 853 , STATION 208-03 , 35-17.8. N, 129-42.9. E, DEC.25.1987, 07:15 KST,
 DEPTH 150 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 3 , BARO 1024. ,
 AIR TEMP. DRY 14.6, WET , CLOUD. TYPE , AMT , WEATHER

0	17.23	34.465	5.06	0	17.23	34.465	5.06	25.06	290	290	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
10	17.16	34.553	5.17	10	17.16	34.553	5.17	25.15	282	282	0.0286
20	17.23	34.499	5.07	20	17.23	34.499	5.07	25.09	288	288	0.0571
30	17.10	34.479	5.07	30	17.10	34.479	5.07	25.10	286	287	0.0859
50	16.50	34.361	5.07	50	16.50	34.361	5.07	25.16	281	282	0.1429
75	15.88	34.225	5.07	75	15.88	34.225	5.07	25.19	278	279	0.2132
98	15.39	34.184	5.07	100	15.37	34.188	5.06	25.28	269	272	0.2823
123	15.18	34.238	5.06	125	14.93	34.241	5.06	25.42	256	259	0.3488
147	12.18	34.276	5.06								

GYUNGBUG 853 , STATION 208-04 , 35-11.1. N, 129-52.7. E, DEC. 25, 1987, 08:35 KST,
 DEPTH 143 , COLOR , TRANS. 13.0, WAVE SW 1, SWELL SW 1, WIND SW 3 , BARO 1024. ,
 AIR TEMP. DRY 14.3, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	15.95	34.212	5.17	0	15.95	34.212	5.17	25.17	280	280	0.0000
10	16.02	34.212	5.48	10	16.02	34.212	5.48	25.15	282	282	0.0281
20	16.05	34.227	5.43	20	16.05	34.227	5.43	25.16	281	281	0.0563
30	15.95	34.218	5.38	30	15.95	34.218	5.38	25.17	280	280	0.0844
50	16.05	34.241	5.28	50	16.05	34.241	5.28	25.17	280	281	0.1406
75	15.95	34.211	5.17	75	15.95	34.211	5.17	25.17	280	282	0.2112
98	15.79	34.211	5.02	100	15.74	34.207	5.03	25.21	276	279	0.2813
123	15.24	34.167	5.17	125	14.42	34.165	5.16	25.47	251	254	0.3481
139	8.68	34.156	5.09								

GYUNGBUG 853 , STATION 208-05 , 35-04.8. N, 130-02.0. E, DEC. 25, 1987, 11:10 KST,
 DEPTH 140 , COLOR , TRANS. 14.0, WAVE SW 1, SWELL SW 1, WIND SW 3 , BARO 1024. ,
 AIR TEMP. DRY 14.0, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	16.42	34.129	5.28	0	16.42	34.129	5.28	25.00	296	296	0.0000
10	16.22	34.304	5.17	10	16.22	34.304	5.17	25.18	279	279	0.0288
20	16.32	34.312	5.17	20	16.32	34.312	5.17	25.16	281	281	0.0568

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
30	16.35	34.377	5.17	30	16.35	34.377	5.17	25.20	277	277	0.0848
50	16.35	34.349	5.07	50	16.35	34.349	5.07	25.18	279	280	0.1406
75	16.39	34.349	5.17	75	16.39	34.349	5.17	25.17	280	282	0.2109
98	15.80	34.323	5.07	100	15.68	34.315	5.08	25.31	267	269	0.2799
123	14.38	34.234	5.28	125	13.98	34.217	5.24	25.60	239	242	0.3439
137	11.59	34.119	5.02								
GYUNGBUG 853 , STATION 208-06 , 34-58.2. N, 130-11.9. E, DEC.26.1987, 12:30 KST.											
DEPTH 135 , COLOR , TRANS. 15.0, WAVE SW 0, SWELL SW 0, WIND SW 2 , BARO 1023. ,											
AIR TEMP. DRY 15.0, WET , CLOUD, TYPE , AMT 00, WEATHER B											
0	15.55	34.213	5.59	0	15.55	34.213	5.59	25.26	271	271	0.0000
10	15.27	34.197	5.59	10	15.27	34.197	5.59	25.31	267	267	0.0269
20	15.20	34.175	5.59	20	15.20	34.175	5.59	25.31	267	267	0.0536
30	14.98	34.154	5.49	30	14.98	34.154	5.49	25.34	264	264	0.0802
50	14.04	34.149	5.38	50	14.04	34.149	5.38	25.54	245	246	0.1314
75	14.02	34.133	5.59	75	14.02	34.133	5.59	25.53	246	247	0.1932
98	13.57	34.063	5.38	100	13.27	34.076	5.39	25.64	235	238	0.2540
123	9.93	34.229	5.59								
GYUNGBUG 853 , STATION 208-07 , 34-52.0. N, 130-20.9. E, DEC.26.1987, 13:45 KST.											
DEPTH 130 , COLOR , TRANS. 15.0, WAVE SW 0, SWELL SW 0, WIND SW 2 , BARO 1022. ,											
AIR TEMP. DRY 16.0, WET , CLOUD, TYPE , AMT 00, WEATHER B											
0	15.55	34.191	5.47	0	15.55	34.191	5.47	25.24	273	273	0.0000
10	15.50	34.188	5.59	10	15.50	34.188	5.59	25.25	272	272	0.0272
20	15.40	34.208	5.48	20	15.40	34.208	5.48	25.29	269	269	0.0543
30	15.40	34.197	5.45	30	15.40	34.197	5.45	25.28	269	270	0.0813
50	15.04	34.181	5.43	50	15.04	34.181	5.43	25.35	263	264	0.1348
75	14.71	34.134	5.39	75	14.71	34.134	5.39	25.38	260	261	0.2007
98	14.10	34.106	5.21	100	13.96	34.109	5.20	25.52	246	249	0.2645
123	12.41	34.150	5.17								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 208-08 , 34-45.3. N, 130-30.6. E, DEC. 26. 1987, 14:55 KST,
 DEPTH 130 , COLOR , TRANS. 15.0, WAVE SW 1, SWELL SW 1, WIND SW 4 , BARO 1022. ,
 AIR TEMP. DRY 16.5, WET , CLOUD. TYPE , AMT 02, WEATHER B

0	16.40	34.152	5.38	0	16.40	34.152	5.38	25.02	294	294	0.0000
10	16.30	34.181	5.38	10	16.30	34.181	5.38	25.06	290	290	0.0292
20	16.20	34.184	5.36	20	16.20	34.184	5.36	25.09	288	288	0.0581
30	16.31	34.240	5.28	30	16.31	34.240	5.28	25.11	286	286	0.0869
50	16.20	34.259	5.33	50	16.20	34.259	5.33	25.15	282	283	0.1440
75	16.25	34.305	5.17	75	16.25	34.305	5.17	25.17	280	282	0.2147
98	16.25	34.279	5.17	100	16.25	34.305	5.17	25.17	280	282	0.2147
123	15.64	34.219	5.38		16.20	34.274	5.18	25.16	281	284	0.2855

GYUNGBUG 853 , STATION 208-09 , 34-38.9. N, 130-40.5. E, DEC. 26. 1987, 16:05 KST,
 DEPTH 130 , COLOR , TRANS. 16.0, WAVE SW 1, SWELL SW 1, WIND SW 4 , BARO 1022. ,
 AIR TEMP. DRY 16.5, WET , CLOUD. TYPE , AMT 02, WEATHER B

0	16.95	34.420	5.28	0	16.95	34.420	5.28	25.10	287	287	0.0000
10	16.90	34.432	5.33	10	16.90	34.432	5.33	25.12	285	285	0.0286
20	16.80	34.307	5.33	20	16.80	34.307	5.33	25.04	292	292	0.0575
30	16.70	34.216	5.07	30	16.70	34.216	5.07	25.00	296	297	0.0870
50	16.55	34.298	5.17	50	16.55	34.298	5.17	25.10	287	288	0.1456
75	16.45	34.156	5.17	75	16.45	34.156	5.17	25.01	295	297	0.2188
98	16.15	34.317	5.07	100	16.45	34.156	5.17	25.01	295	297	0.2188
123	15.44	34.248	5.28		16.09	34.311	5.08	25.21	276	278	0.2908

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OCEANOGRAPHIC DATA : SOUTHERN WATERS

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207 線 海洋觀測 成績 Oceanographic Data. Line 207

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

2月(February)

GYUNGBUG 853 , STATION 207-01 , 35-01.3. N. 129-07.2. E, FEB. 8. 1987, 11:20 KST,
 DEPTH 84 , COLOR 2, TRANS. 19.0, WAVE SE 1, SWELL SE 1, WIND SE 3 , BARO 1025. ,
 AIR TEMP. DRY 17.5, WET , CLOUD, TYPE , AMT 00, WEATHER B

0	13.98	34.577	5.92	0	13.98	34.577	5.92	25.88	212	212	0.0000
11	13.96	34.576	5.92	10	13.96	34.576	5.92	25.88	212	212	0.0212
21	13.97	34.579	5.92	20	13.96	34.578	5.92	25.88	212	212	0.0425
31	13.98	34.585	5.82	30	13.97	34.584	5.83	25.88	212	212	0.0638
50	13.97	34.589	5.82	50	13.97	34.589	5.82	25.89	211	212	0.1064
75	12.93	34.479	5.77	75	12.93	34.479	5.77	26.02	199	201	0.1581

GYUNGBUG 853 , STATION 207-02 , 34-57.6. N. 129-11.2. E, FEB. 8. 1987, 10:35 KST,
 DEPTH 103 , COLOR 2, TRANS. 19.0, WAVE NW 1, SWELL NW 1, WIND NW 3 , BARO 1025. ,
 AIR TEMP. DRY 19.5, WET , CLOUD, TYPE , AMT 00, WEATHER B

0	14.70	34.616	5.97	0	14.70	34.616	5.97	25.76	224	224	0.0000
10	14.68	34.617	5.77	10	14.68	34.617	5.77	25.76	224	224	0.0224
20	14.67	34.617	5.77	20	14.67	34.617	5.77	25.76	223	224	0.0448
30	14.69	34.619	5.77	30	14.69	34.619	5.77	25.76	224	224	0.0673
50	14.58	34.602	5.82	50	14.58	34.602	5.82	25.77	223	224	0.1122
74	13.66	34.518	5.87	75	13.62	34.515	5.86	25.91	210	212	0.1667
100	12.62	34.451	5.67	100	12.62	34.451	5.67	26.06	195	198	0.2180

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUC 853 , STATION 207-03 , 34-53.9. N, 129-15.4. E, FEB. 8.1987, 09:45 KST,
 DEPTH 115 , COLOR 2, TRANS. 19.0, WAVE NW 1, SWELL NW 1, WIND NW 3 , BARO 1025. ,
 AIR TEMP. DRY 11.5, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	14.87	34.641	5.87	0	14.87	34.641	5.87	25.74	226	226	0.0000
10	14.86	34.641	5.92	10	14.86	34.641	5.92	25.74	226	226	0.0226
21	14.87	34.645	5.92	20	14.86	34.644	5.92	25.74	226	226	0.0452
29	14.86	34.643	5.97	30	14.86	34.642	5.96	25.74	226	226	0.0678
51	14.86	34.639	5.82	50	14.86	34.639	5.82	25.74	226	227	0.1132
75	14.82	34.631	5.77	75	14.82	34.631	5.77	25.74	226	227	0.1701
99	13.99	34.539	5.77	100	13.92	34.533	5.76	25.86	214	217	0.2258
110	13.24	34.481	5.67								

GYUNGBUC 853 , STATION 207-04 , 34-50.2. N, 129-19.5. E, FEB. 8.1987, 08:20 KST,
 DEPTH 240 , COLOR 2, TRANS. 19.0, WAVE NW 1, SWELL NW 1, WIND NW 3 , BARO 1025. ,
 AIR TEMP. DRY 10.7, WET , CLOUD. TYPE AC, AMT 03, WEATHER BC

0	14.85	34.638	5.71	0	14.85	34.638	5.71	25.74	226	225	0.0000
10	14.86	34.642	5.82	10	14.86	34.642	5.82	25.74	226	226	0.0225
20	14.85	34.641	5.82	20	14.85	34.641	5.82	25.74	226	226	0.0452
31	14.85	34.640	5.71	30	14.85	34.640	5.72	25.74	226	226	0.0678
49	14.83	34.636	5.87	50	14.81	34.634	5.87	25.74	226	226	0.1131
76	14.50	34.596	5.87	75	14.51	34.597	5.87	25.78	222	223	0.1695
101	14.40	34.610	5.87	100	14.40	34.609	5.87	25.81	219	221	0.2252
124	14.33	34.609	5.87	125	14.28	34.603	5.86	25.84	217	220	0.2804
151	13.05	34.467	5.82	150	13.09	34.472	5.82	25.98	203	206	0.3338
201	8.92	34.223	5.82	200	9.00	34.227	5.82	26.53	151	154	0.4242
205	8.91	34.223	5.77								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 207-05 , 34-48.0. N, 129-21.8. E, FEB. 8.1987, 07:30 KST,
 DEPTH 160 , COLOR 2, TRANS. 19.0, WAVE NW 2, SWELL NW 1, WIND NW 4 , BARO 1025. ,
 AIR TEMP. DRY 9.7, WET , CLOUD. TYPE AS, AMT 03, WEATHER BC

0	14.85	34.584	5.87	0	14.85	34.584	5.87	25.70	230	229	0.0000
9	14.79	34.637	5.86	10	14.79	34.637	5.86	25.75	225	224	0.0227
20	14.79	34.637	5.92	20	14.79	34.637	5.92	25.75	225	225	0.0452
31	14.79	34.635	5.82	30	14.79	34.635	5.82	25.75	225	225	0.0677
51	14.72	34.629	5.87	50	14.72	34.629	5.86	25.76	224	225	0.1128
76	14.38	34.608	5.82	75	14.39	34.608	5.82	25.82	218	220	0.1686
101	14.32	34.606	5.82	100	14.32	34.606	5.82	25.83	217	220	0.2237
125	14.31	34.605	5.92	125	14.31	34.605	5.92	25.83	217	220	0.2788
150	14.15	34.582	5.87	150	14.15	34.582	5.87	25.85	216	219	0.3338

4 月(April)

GYUNGBUG 853 , STATION 207-01 , 35-01.3. N, 129-07.2. E, APR.15.1987, 22:20 KST,
 DEPTH 84 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 2 , BARO 1026. ,
 AIR TEMP. DRY 14.5, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	13.71	34.476	6.21	0	13.71	34.476	6.21	25.86	215	214	0.0000
10	13.56	34.493	6.23	10	13.56	34.493	6.23	25.90	210	210	0.0212
20	13.27	34.443	6.20	20	13.27	34.443	6.20	25.92	208	209	0.0422
30	12.90	34.458	6.06	30	12.90	34.458	6.06	26.01	200	201	0.0627
50	12.79	34.405	6.00	50	12.79	34.405	6.00	25.99	202	203	0.1032
75	12.03	34.430	5.70	75	12.03	34.430	5.70	26.16	186	188	0.1522

GYUNGBUG 853 , STATION 207-02 , 34-57.6. N, 129-11.2. E, APR.15.1987, 23:00 KST,
 DEPTH 103 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 2 , BARO 1026. ,
 AIR TEMP. DRY 13.7, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	14.54	34.525	6.10	0	14.54	34.525	6.10	25.72	228	227	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
10	14.18	34.544	6.14	10	14.18	34.544	6.14	25.81	219	219	0.0223
20	14.52	34.523	6.13	20	14.52	34.523	6.13	25.72	227	228	0.0447
30	14.11	34.459	5.98	30	14.11	34.459	5.98	25.76	224	224	0.0673
50	12.87	34.494	5.71	50	12.87	34.494	5.71	26.04	197	198	0.1096
75	11.64	34.403	5.69	75	11.64	34.403	5.69	26.21	181	183	0.1573
98	11.57	34.409	5.55								
GYUNGBUG 853 , STATION 207-03 , 34-53.9. N, 129-15.4. E, APR. 15, 1987, 23:40 KST, DEPTH 115 , COLOR , TRANS. , WAVE SE 2, SWELL SE 1, WIND SE 3 , BARO 1025.5, AIR TEMP. DRY 13.5, WET , CLOUD. TYPE , AMT 00, WEATHER B											
0	14.37	34.542	5.99	0	14.37	34.542	5.99	25.77	223	223	0.0000
10	14.48	34.537	6.09	10	14.48	34.537	6.09	25.74	225	225	0.0224
20	14.48	34.532	5.80	20	14.48	34.532	5.80	25.74	226	226	0.0450
30	14.46	34.536	5.94	30	14.46	34.536	5.94	25.75	225	226	0.0677
50	14.41	34.527	6.11	50	14.41	34.527	6.11	25.75	225	226	0.1129
75	14.08	34.426	5.88	75	14.08	34.426	5.88	25.74	226	227	0.1697
98	13.21	34.350	5.59	100	12.82	34.350	5.56	25.94	207	209	0.2243
113	10.30	34.351	5.38								
GYUNGBUG 853 , STATION 207-04 , 34-50.2. N, 129-19.5. E, APR. 16, 1987, 00:25 KST, DEPTH 240 , COLOR , TRANS. , WAVE SE 2, SWELL SE 1, WIND SE 3 , BARO 1025. , AIR TEMP. DRY 13.5, WET , CLOUD. TYPE , AMT 00, WEATHER B											
0	15.74	34.615	5.80	0	15.74	34.615	5.80	25.52	246	246	0.0000
10	15.71	34.621	5.78	10	15.71	34.621	5.78	25.54	245	245	0.0245
20	15.71	34.502	5.92	20	15.71	34.502	5.92	25.44	254	254	0.0495
30	15.61	34.478	5.89	30	15.61	34.478	5.89	25.45	254	254	0.0750
50	15.26	34.619	5.77	50	15.26	34.619	5.77	25.63	237	237	0.1241
75	15.05	34.587	5.41	75	15.05	34.587	5.41	25.66	234	235	0.1833

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

100	14.98	34.596	5.27	100	14.98	34.596	5.27	25.68	231	234	0.2421
124	14.92	34.626	5.28	125	14.87	34.621	5.28	25.72	227	231	0.3003
148	13.86	34.508	5.39	150	13.82	34.511	5.40	25.86	214	218	0.3564
196	13.06	34.595	5.66	200	12.78	34.571	5.64	26.12	190	194	0.4598
235	10.33	34.365	5.56								

GYUNGBUG 853 , STATION 207-05 , 34-48.0. N, 129-21.8. E, APR. 16. 1987, 01:10 KST,
 DEPTH 160 , COLOR , TRANS. , WAVE SE 2, SWELL SE 1, WIND SE 3 , BARO 1025. ,
 AIR TEMP. DRY 13.5, WET , CLOUD, TYPE , AMT 00, WEATHER B

0	15.80	34.657	5.98	0	15.80	34.657	5.98	25.54	244	244	0.0000
10	15.81	34.649	5.66	10	15.81	34.649	5.66	25.53	245	245	0.0245
20	15.71	34.658	5.74	20	15.71	34.658	5.74	25.56	242	243	0.0489
30	15.48	34.623	5.57	30	15.48	34.623	5.57	25.59	240	241	0.0731
50	15.25	34.628	5.47	50	15.25	34.628	5.47	25.64	235	236	0.1208
75	15.15	34.608	5.38	75	15.15	34.608	5.38	25.65	234	236	0.1799
99	14.99	34.592	5.20	100	14.98	34.591	5.20	25.68	232	234	0.2388
123	14.79	34.590	5.27	125	14.71	34.584	5.26	25.73	227	230	0.2970
145	14.00	34.532	5.19								

6月(June)

BUSAN 852 , STATION 207-01 , 35-01.3. N, 129-07.2. E, JUN. 5. 1987, 16:00 KST,
 DEPTH 82 , COLOR 5, TRANS. 4.0, WAVE SW 3, SWELL SW 2, WIND SW 5 , BARO 1010. ,
 AIR TEMP. DRY 18.8, WET , CLOUD, TYPE , AMT , WEATHER F

0	17.40	33.897	6.60	0	17.40	33.897	6.60	24.59	335	335	0.0000
9	15.18	33.996	6.45	10	15.10	34.003	6.43	25.20	277	277	0.0306
21	14.30	34.084	6.25	20	14.37	34.076	6.26	25.41	257	257	0.0574

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
30	13.73	34.134	6.05	30	13.73	34.134	6.05	25.59	240	240	0.0823
50	13.74	34.246	5.70	50	13.74	34.246	5.70	25.67	232	233	0.1298
75	13.35	34.272	5.60	75	13.35	34.272	5.60	25.77	222	224	0.1870
BUSAN 852 , STATION 207-02 , 34-57.6. N, 129-11.2. E, JUN. 5. 1987, 16:45 KST, DEPTH 100 , COLOR 4, TRANS. 7.0, WAVE SW 3, SWELL SW 2, WIND SW 6 , BARO 1010. , AIR TEMP. DRY 18.6, WET , CLOUD. TYPE , AMT , WEATHER F											
0	16.62	33.963	6.65	0	16.62	33.963	6.65	24.82	313	313	0.0000
10	16.58	33.968	6.60	10	16.58	33.968	6.60	24.84	312	312	0.0312
21	14.90	34.055	6.60	20	15.05	34.047	6.60	25.24	273	273	0.0605
30	14.15	34.095	6.35	30	14.15	34.095	6.35	25.47	251	252	0.0868
51	14.31	34.406	6.10	50	14.30	34.391	6.11	25.67	233	234	0.1354
75	14.40	34.442	5.45	75	14.40	34.442	5.45	25.69	231	233	0.1938
96	14.10	34.503	5.25								
BUSAN 852 , STATION 207-03 , 34-53.9. N, 129-15.4. E, JUN. 5. 1987, 17:30 KST, DEPTH 117 , COLOR 3, TRANS. 10.0, WAVE SW 2, SWELL SW 2, WIND SW 6 , BARO 1010. , AIR TEMP. DRY 18.7, WET , CLOUD. TYPE , AMT , WEATHER F											
0	17.08	33.670	6.45	0	17.08	33.670	6.45	24.49	345	344	0.0000
10	16.80	33.680	6.40	10	16.80	33.680	6.40	24.56	338	337	0.0341
21	15.80	33.754	6.70	20	15.89	33.747	6.67	24.82	313	313	0.0667
31	15.20	34.301	6.35	30	15.26	34.246	6.38	25.35	263	263	0.0955
50	14.20	34.291	6.10	50	14.20	34.291	6.10	25.61	238	239	0.1459
75	14.57	34.469	6.10	75	14.57	34.469	6.10	25.67	232	234	0.2051
100	14.29	34.483	5.65	100	14.29	34.483	5.65	25.74	226	228	0.2630
110	12.47	34.474	5.25								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 207-04 , 34-50.2, N, 129-19.5, E, JUN. 5, 1987, 18:25 KST,
 DEPTH 207 , COLOR 4, TRANS. 10.0, WAVE SW 3, SWELL SW 2, WIND SW 6 , BARO 1009.5,
 AIR TEMP. DRY 18.8, WET , CLOUD. TYPE , AMT , WEATHER F

0	18.25	33.365	6.30	0	18.25	33.365	6.30	23.98	394	393	0.0000
11	18.23	33.408	6.40	10	18.23	33.404	6.39	24.01	390	390	0.0392
21	17.56	34.156	6.80	20	17.62	34.081	6.76	24.67	327	327	0.0751
31	15.68	34.105	6.25	30	15.86	34.110	6.30	25.11	286	286	0.1058
50	14.73	34.318	6.05	50	14.73	34.318	6.05	25.52	247	248	0.1593
76	14.82	34.485	5.75	75	14.81	34.478	5.76	25.62	237	238	0.2202
100	14.39	34.409	5.60	100	14.39	34.409	5.60	25.66	233	235	0.2796
126	14.08	34.405	5.35	125	14.09	34.405	5.35	25.72	227	230	0.3379
150	13.63	34.388	5.30	150	13.63	34.388	5.30	25.81	219	223	0.3947
201	8.25	34.372	5.10	200	8.35	34.372	5.10	26.74	130	134	0.4841

BUSAN 852 , STATION 207-05 , 34-48.0, N, 129-21.8, E, JUN. 5, 1987, 19:05 KST,
 DEPTH 160 , COLOR , TRANS. , WAVE SW 3, SWELL SW 2, WIND SW 6 , BARO 1009.5,
 AIR TEMP. DRY 18.2, WET , CLOUD. TYPE , AMT , WEATHER F

0	18.60	33.356	6.15	0	18.60	33.356	6.15	23.88	402	402	0.0000
10	18.61	33.362	6.30	10	18.61	33.362	6.30	23.88	402	402	0.0402
20	17.13	33.948	6.35	20	17.13	33.948	6.35	24.69	325	326	0.0767
31	15.72	33.949	6.30	30	15.84	33.948	6.30	24.99	297	298	0.1079
51	15.09	34.351	5.75	50	15.12	34.330	5.77	25.44	254	255	0.1632
76	14.96	34.459	5.65	75	14.96	34.454	5.65	25.57	241	243	0.2256
101	14.90	34.465	5.45	100	14.90	34.464	5.45	25.59	239	242	0.2864
125	14.85	34.456	5.30	125	14.85	34.456	5.30	25.60	239	242	0.3470
151	14.83	34.452	5.20	150	14.83	34.452	5.20	25.60	239	243	0.4077

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

8月(August)

GYUNGBUG 853 , STATION 207-01 , 35-01.3. N, 129-07.2. E, AUG.13.1987, 03:05 KST,
 DEPTH 84 , COLOR , TRANS. , WAVE NE 1, SWELL NE 1, WIND NE 3 , BARO 1018. ,
 AIR TEMP. DRY 23.0, WET , CLOUD, TYPE , AMT , WEATHER

0	20.40	31.810	5.18	0	20.40	31.810	5.18	22.25	559	558	0.0000
10	17.88	32.568	4.81	10	17.88	32.568	4.81	23.46	443	443	0.0501
20	17.20	33.060	4.55	20	17.20	33.060	4.55	24.00	392	392	0.0919
30	15.73	33.693	4.45	30	15.73	33.693	4.45	24.82	313	314	0.1272
50	15.15	33.912	4.00	50	15.15	33.912	4.00	25.12	285	286	0.1873
80	14.18	34.166	3.95	75	14.34	34.123	3.95	25.45	253	255	0.2550

GYUNGBUG 853 , STATION 207-02 , 34-57.6. N, 129-11.2. E, AUG.13.1987, 02:20 KST,
 DEPTH 103 , COLOR , TRANS. , WAVE NE 1, SWELL NE 1, WIND NE 2 , BARO 1018. ,
 AIR TEMP. DRY 22.5, WET , CLOUD, TYPE NS, AMT 10, WEATHER R

0	22.46	31.572	4.76	0	22.46	31.572	4.76	21.51	629	629	0.0000
10	21.26	31.999	5.01	10	21.26	31.999	5.01	22.16	567	567	0.0598
20	19.68	32.396	4.82	20	19.68	32.396	4.82	22.88	498	499	0.1131
30	16.27	33.188	4.70	30	16.27	33.188	4.70	24.31	362	362	0.1562
50	15.52	33.939	4.45	50	15.52	33.939	4.45	25.05	291	292	0.2217
75	14.73	34.232	4.00	75	14.73	34.232	4.00	25.45	253	255	0.2902
98	12.49	34.306	3.98								

GYUNGBUG 853 , STATION 207-03 , 34-53.9. N, 129-15.4. E, AUG.13.1987, 01:30 KST,
 DEPTH 115 , COLOR , TRANS. , WAVE NE 1, SWELL NE 1, WIND NE 4 , BARO 1018. ,
 AIR TEMP. DRY 23.0, WET , CLOUD, TYPE NS, AMT 10, WEATHER R

0	23.44	30.853	4.93	0	23.44	30.853	4.93	20.69	708	708	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
10	23.35	30.936	4.96	10	23.35	30.936	4.96	20.78	699	699	0.0704
20	22.79	31.241	4.94	20	22.79	31.241	4.94	21.17	662	662	0.1385
30	22.34	31.600	4.72	30	22.34	31.600	4.72	21.56	624	625	0.2029
50	17.95	33.206	4.47	50	17.95	33.206	4.47	23.93	398	399	0.3054
75	15.04	33.873	4.04	75	15.04	33.873	4.04	25.11	286	287	0.3914
100	14.79	33.994	3.86	100	14.79	33.994	3.86	25.26	272	274	0.4616
113	14.69	33.699	3.76								

GYUNGBUG 853 , STATION 207-04 , 34-50.2, N, 129-19.5, E, AUG. 13, 1987, 00:30 KST,
 DEPTH 240 , COLOR , TRANS. , WAVE NE 1, SWELL NE 1, WIND NE 4 , BARO 1018. ,
 AIR TEMP. DRY 23.5, WET , CLOUD, TYPE , AMT , WEATHER

0	23.18	32.198	4.82	0	23.18	32.198	4.82	21.78	604	603	0.0000
10	24.56	32.202	4.81	10	24.56	32.202	4.81	21.38	642	642	0.0622
20	24.08	32.615	4.76	20	24.08	32.615	4.76	21.83	598	599	0.1243
30	20.70	33.136	4.65	30	20.70	33.136	4.65	23.17	470	471	0.1778
50	17.38	33.370	4.55	50	17.38	33.370	4.55	24.19	373	374	0.2624
75	16.12	34.378	3.99	75	16.12	34.378	3.99	25.26	272	273	0.3435
100	15.48	34.383	3.74	100	15.48	34.383	3.74	25.40	258	260	0.4103
124	14.97	34.340	3.74	125	14.94	34.340	3.73	25.49	250	253	0.4746
147	14.50	34.348	3.71	150	14.35	34.354	3.73	25.63	236	240	0.5363
198	11.99	34.454	4.11	200	11.75	34.444	4.11	26.22	180	185	0.6426
235	7.65	34.281	4.17								

GYUNGBUG 853 , STATION 207-05 , 34-48.0, N, 129-21.8, E, AUG. 12, 1987, 23:40 KST,
 DEPTH 160 , COLOR , TRANS. , WAVE NE 1, SWELL NE 1, WIND NE 3 , BARO 1018. ,
 AIR TEMP. DRY 23.4, WET , CLOUD, TYPE , AMT , WEATHER

0	24.59	31.760	4.67	0	24.59	31.760	4.67	21.04	675	674	0.0000
10	23.20	32.817	4.71	10	23.20	32.817	4.71	22.24	559	559	0.0617
20	22.69	33.021	4.69	20	22.69	33.021	4.69	22.54	531	531	0.1162

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
30	21.78	33.338	4.57	30	21.78	33.338	4.57	23.03	483	484	0.1670
50	20.75	33.641	4.36	50	20.75	33.641	4.36	23.54	435	436	0.2592
75	20.18	33.714	4.30	75	20.18	33.714	4.30	23.75	415	417	0.3659
96	19.25	34.254	4.00	100	18.97	34.271	3.94	24.49	345	348	0.4617
123	17.38	34.369	3.63	125	17.31	34.351	3.63	24.96	300	304	0.5432
148	16.55	34.147	3.71								

10月(October)

GYUNGBUG 853 , STATION 207-01 , 35-01.3. N. 129-07.2. E, OCT.23.1987, 10:00 KST,											
DEPTH 84 , COLOR 3, TRANS. 11.0, WAVE NW 4, SWELL NW 2, WIND NW 5 , BARO 1030. ,											
AIR TEMP. DRY 16.0, WET , CLOUD. TYPE , AMT 00, WEATHER B											
0	20.50	33.594	5.12	0	20.50	33.594	5.12	23.57	432	432	0.0000
10	20.52	33.568	5.07	10	20.52	33.568	5.07	23.55	434	434	0.0433
20	20.46	33.625	5.26	20	20.46	33.625	5.26	23.61	429	429	0.0865
30	20.42	33.542	5.07	30	20.42	33.542	5.07	23.56	434	434	0.1297
50	17.03	33.715	4.72	50	17.03	33.715	4.72	24.54	340	341	0.2073
75	14.83	34.346	4.48	75	14.83	34.346	4.48	25.52	247	248	0.2812

GYUNGBUG 853 , STATION 207-02 , 34-57.6. N. 129-11.2. E, OCT.23.1987, 10:45 KST,											
DEPTH 103 , COLOR 3, TRANS. 11.0, WAVE NW 4, SWELL NW 2, WIND NW 5 , BARO 1030. ,											
AIR TEMP. DRY 17.2, WET , CLOUD. TYPE , AMT 00, WEATHER B											
0	20.59	33.576	5.02	0	20.59	33.576	5.02	23.54	435	435	0.0000
10	20.52	33.527	4.97	10	20.52	33.527	4.97	23.52	437	437	0.0436
20	19.40	33.563	5.07	20	19.40	33.563	5.07	23.84	407	407	0.0859

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

30	19.48	33.516	5.22	30	19.48	33.516	5.22	23.78	412	413	0.1269
50	20.42	33.535	4.97	50	20.42	33.535	4.97	23.55	434	435	0.2118
75	20.43	33.508	4.67	75	20.43	33.508	4.67	23.53	436	438	0.3212
100	17.63	33.918	4.03	100	17.63	33.918	4.03	24.55	339	342	0.4188

GYUNGRUG 853 , STATION 207-03 , 34-53.9. N, 129-15.4. E, OCT. 23, 1987, 11:30 KST,
 DEPTH 115 , COLOR 3, TRANS. 12.0, WAVE NE 4, SWELL NE 2, WIND NE 5 , BARO 1030. ,
 AIR TEMP. DRY 17.7, WET , CLOUD. TYPE AC, AMT 04, WEATHER BC

0	20.21	33.299	5.17	0	20.21	33.299	5.17	23.43	446	446	0.0000
10	20.21	33.269	5.12	10	20.21	33.269	5.12	23.40	448	448	0.0447
20	20.22	33.266	5.17	20	20.22	33.266	5.17	23.40	449	449	0.0896
30	20.41	33.343	5.02	30	20.41	33.343	5.02	23.41	448	448	0.1345
50	21.39	33.760	4.87	50	21.39	33.760	4.87	23.46	443	444	0.2238
75	21.50	33.819	4.92	75	21.50	33.819	4.92	23.48	441	443	0.3349
98	19.00	33.414	4.27	100	18.59	33.448	4.24	23.96	396	398	0.4402
112	16.13	33.658	4.07								

GYUNGRUG 853 , STATION 207-04 , 34-50.2. N, 129-19.5. E, OCT. 23, 1987, 12:15 KST,
 DEPTH 240 , COLOR 3, TRANS. 11.0, WAVE NE 4, SWELL NE 2, WIND NE 5 , BARO 1030. ,
 AIR TEMP. DRY 18.3, WET , CLOUD. TYPE AC, AMT 04, WEATHER BC

0	22.80	34.360	4.82	0	22.80	34.360	4.82	23.52	437	437	0.0000
10	22.81	34.374	4.72	10	22.81	34.374	4.72	23.53	436	436	0.0436
20	22.84	34.366	4.77	20	22.84	34.366	4.77	23.52	438	438	0.0874
30	22.83	34.371	4.77	30	22.83	34.371	4.77	23.52	437	438	0.1312
50	22.83	34.397	4.82	50	22.83	34.397	4.82	23.54	435	436	0.2187

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
75	22.85	34.371	4.77	75	22.85	34.371	4.77	23.52	437	440	0.3283
98	21.10	34.528	3.97	100	20.67	34.534	3.94	24.24	368	371	0.4298
123	15.81	34.611	3.63	125	15.79	34.609	3.63	25.51	248	251	0.5077
146	15.67	34.590	3.68	150	15.65	34.594	3.68	25.53	246	250	0.5704
197	15.45	34.643	3.73	200	15.27	34.632	3.73	25.64	235	240	0.6932
238	13.09	34.498	3.82								

GYUNGBUG 853 , STATION 207-05 , 34-48.0. N, 129-21.8. E, OCT.23, 1987, 12:50 KST,
 DEPTH 160 , COLOR 3, TRANS. 11.0, WAVE NE 3, SWELL NE 2, WIND NE 5 , BARO 1030. ,
 AIR TEMP. DRY 19.0, WET , CLOUD. TYPE AC, AMT 04, WEATHER BC

0	22.76	34.359	4.77	0	22.76	34.359	4.77	23.53	436	436	0.0000
10	22.76	34.360	4.77	10	22.76	34.360	4.77	23.53	436	436	0.0436
20	22.73	34.352	4.87	20	22.73	34.352	4.87	23.54	436	436	0.0872
30	22.80	34.355	4.82	30	22.80	34.355	4.82	23.52	437	438	0.1309
50	22.78	34.350	4.82	50	22.78	34.350	4.82	23.52	437	438	0.2187
75	22.60	34.328	4.77	75	22.60	34.328	4.77	23.55	434	436	0.3281
99	17.48	34.353	3.77	100	17.42	34.358	3.76	24.93	302	305	0.4208
123	16.25	34.487	3.68	125	16.23	34.499	3.68	25.32	265	269	0.4927
147	16.08	34.638	3.68								

12月(December)

BUSAN 852 , STATION 207-01 , 35-01.3. N, 129-07.2. E, DEC. 3, 1987, 17:00 KST,
 DEPTH 84 , COLOR , TRANS. , WAVE NW 4, SWELL NW 2, WIND NW 6 , BARO 1020. ,
 AIR TEMP. DRY 6.2, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	13.80	33.150	5.56	0	13.80	33.150	5.56	24.82	314	313	0.0000
9	13.79	33.204	5.41	10	13.83	33.213	5.39	24.86	310	310	0.0311
20	14.28	33.306	5.27	20	14.28	33.306	5.27	24.84	312	312	0.0623

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

30	14.66	33.624	4.91	30	14.66	33.624	4.91	25.00	296	296	0.0927
50	15.27	33.978	4.97	50	15.27	33.978	4.97	25.14	283	284	0.1508
75	15.73	34.114	3.82	75	15.73	34.114	3.82	25.14	282	284	0.2220
82	15.48	*****	****								

BUSAN 852 , STATION 207-02 , 34-57.6. N, 129-11.2. E, DEC. 3.1987, 17:40 KST,
 DEPTH 100 , COLOR , TRANS. , WAVE NW 4, SWELL NW 2, WIND NW 5 , BARO 1020. ,
 AIR TEMP. DRY 6.3, WET , CLOUD, TYPE AC, AMT 01, WEATHER B

0	15.38	33.469	5.42	0	15.38	33.469	5.42	24.72	322	322	0.0000
10	15.68	33.437	5.28	10	15.68	33.437	5.28	24.63	331	331	0.0326
20	15.48	33.445	5.31	20	15.48	33.445	5.31	24.68	326	326	0.0655
30	15.76	33.464	5.18	30	15.76	33.464	5.18	24.64	331	331	0.0985
50	16.56	33.855	5.07	50	16.56	33.855	5.07	24.75	319	321	0.1637
75	15.42	34.207	4.08	75	15.42	34.207	4.08	25.28	269	271	0.2378
96	13.83	34.494	3.77								

BUSAN 852 , STATION 207-03 , 34-53.9. N, 129-15.4. E, DEC. 3.1987, 18:25 KST,
 DEPTH 118 , COLOR , TRANS. , WAVE NW 4, SWELL NW 2, WIND NW 5 , BARO 1021. ,
 AIR TEMP. DRY 6.3, WET , CLOUD, TYPE CI, AMT 01, WEATHER B

0	18.66	33.893	5.08	0	18.66	33.893	5.08	24.28	365	365	0.0000
10	17.98	33.896	5.23	10	17.98	33.896	5.23	24.45	349	349	0.0357
19	17.92	33.893	5.32	20	17.91	33.897	5.31	24.46	347	347	0.0705
30	17.87	33.938	5.23	30	17.87	33.938	5.23	24.51	344	344	0.1051
50	17.64	33.899	5.07	50	17.64	33.899	5.07	24.53	342	342	0.1737
75	17.37	33.943	4.31	75	17.37	33.943	4.31	24.63	333	333	0.2582
100	13.86	34.479	3.82	100	13.86	34.479	3.82	25.83	220	220	0.3274
115	12.67	34.451	3.92								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
BUSAN 852 , STATION 207-04 , 34-50.2. N, 129-19.5. E, DEC. 3, 1987, 19:10 KST, DEPTH 222 , COLOR , TRANS. , WAVE NW 4, SWELL NW 2, WIND NW 5 , BARO 1021. , AIR TEMP. DRY 6.8, WET , CLOUD. TYPE CI, AMT 01, WEATHER B											
0	16.70	34.072	4.98	0	16.70	34.072	4.98	24.89	307	306	0.0000
10	18.60	33.949	5.08	10	18.60	33.949	5.08	24.33	359	359	0.0333
20	18.48	33.952	4.98	20	18.48	33.952	4.98	24.37	356	357	0.0691
31	18.45	33.945	5.08	30	18.45	33.945	5.07	24.37	356	357	0.1049
51	18.44	34.049	5.13	50	18.44	34.043	5.12	24.45	349	350	0.1756
75	18.23	33.971	4.79	75	18.23	33.971	4.79	24.44	349	351	0.2634
100	16.01	34.295	4.03	100	16.01	34.295	4.03	25.22	275	278	0.3421
124	15.34	34.635	4.06	125	15.18	34.632	4.05	25.66	233	236	0.4065
150	11.23	34.572	3.97	150	11.23	34.572	3.97	26.41	162	165	0.4567
200	7.27	34.315	3.74	200	7.27	34.315	3.74	26.86	119	122	0.5287
217	7.19	*****	*****								

BUSAN	852	, STATION 207-05		, 34-48.0. N.		129-21.8. E.		DEC. 3. 1987,		19:35 KST.	
DEPTH	158	, COLOR		, TRANS.		, WAVE NW		4. SWELL NW		2. WIND NW	
AIR TEMP.	DRY	6.8.		, WET		, CLOUD.		TYPE CI.		AMT 01.	
										WEATHER B	
0	16.94	34.065	5.13	0	16.94	34.065	5.13	24.83	313	312	0.0000
10	18.94	34.094	5.13	10	18.94	34.094	5.13	24.36	357	357	0.0335
20	18.90	34.097	5.08	20	18.90	34.097	5.08	24.37	356	356	0.0692
30	18.72	34.074	5.08	30	18.72	34.074	5.08	24.40	353	354	0.1047
50	18.71	34.098	5.08	50	18.71	34.098	5.08	24.42	351	352	0.1754
75	18.69	34.380	4.98	75	18.69	34.380	4.98	24.64	330	332	0.2611
99	16.27	34.544	3.89	100	16.25	34.541	3.88	25.35	263	265	0.3360
126	15.95	34.481	3.68	125	15.96	34.483	3.68	25.37	261	264	0.4022
149	13.55	34.463	3.76	150	13.26	*****	*****	*****	*****	***	*****
156	11.53	*****	*****								

206 線 海洋觀測 成績 Oceanographic Data. Line 206

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

2 月(February)

GYUNGBUG 853 , STATION 206-01 , 34-35.5. N, 128-34.5. E, FEB. 7. 1987, 21:10 KST,											
DEPTH 62 , COLOR , TRANS. , WAVE SW 2, SWELL SW 1, WIND SW 4 , BARO 1022.5,											
AIR TEMP. DRY 10.5, WET , CLOUD. TYPE , AMT , WEATHER											
0	12.95	34.248	5.85	0	12.95	34.248	5.85	25.83	217	216	0.0000
10	12.96	34.371	5.62	10	12.96	34.371	5.62	25.93	208	208	0.0212
19	12.97	34.420	5.50	20	12.97	34.422	5.49	25.97	204	204	0.0419
29	12.97	34.443	5.46	30	12.96	34.444	5.46	25.98	203	203	0.0623
50	12.95	34.474	5.49	50	12.95	34.474	5.49	26.01	200	201	0.1028
55	12.65	34.460	5.44								
GYUNGBUG 853 , STATION 206-02 , 34-29.6. N, 128-41.2. E, FEB. 7. 1987, 22:55 KST,											
DEPTH 70 , COLOR , TRANS. , WAVE SW 2, SWELL SW 1, WIND SW 4 , BARO 1022. ,											
AIR TEMP. DRY 11.0, WET , CLOUD. TYPE , AMT , WEATHER											
0	14.22	34.600	5.74	0	14.22	34.600	5.74	25.85	216	215	0.0000
10	14.26	34.600	5.68	10	14.26	34.600	5.68	25.84	216	216	0.0216
20	14.25	34.599	5.49	20	14.25	34.599	5.49	25.84	216	217	0.0433
29	14.25	34.598	5.40	30	14.25	34.598	5.40	25.84	216	217	0.0650
51	14.26	34.599	5.45	50	14.25	34.598	5.44	25.84	216	218	0.1085
65	12.65	34.416	5.45								
GYUNGBUG 853 , STATION 206-03 , 34-22.4. N, 128-49.7. E, FEB. 8. 1987, 00:15 KST,											
DEPTH 94 , COLOR , TRANS. , WAVE NW 2, SWELL NW 2, WIND NW 4 , BARO 1023. ,											
AIR TEMP. DRY 10.8, WET , CLOUD. TYPE , AMT , WEATHER											
0	12.88	34.461	5.99	0	12.88	34.461	5.99	26.01	200	199	0.0000
10	12.88	34.461	5.66	10	12.88	34.461	5.66	26.01	200	200	0.0199

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

20	12.87	34.457	5.52	20	12.87	34.457	5.52	26.01	200	200	0.0400
29	12.83	34.460	5.41	30	12.82	34.459	5.41	26.02	199	199	0.0600
51	12.77	34.440	5.61	50	12.77	34.440	5.60	26.02	199	200	0.1000
76	12.75	34.435	5.66	75	12.75	34.435	5.65	26.02	199	201	0.1502
90	12.74	34.435	5.82								

GYUNGBUG 853 , STATION 206-04 , 34-15.3. N, 128-58.0. E, FEB. 8. 1987, 01:35 KST.
 DEPTH 110 , COLOR , TRANS. , WAVE NW 2, SWELL NW 2, WIND NW 4 , BARO 1023. ,
 AIR TEMP. DRY 10.8, WET , CLOUD. TYPE , AMT , WEATHER

0	14.06	34.602	6.02	0	14.06	34.602	6.02	25.88	212	212	0.0000
9	14.08	34.602	5.71	10	14.08	34.602	5.69	25.88	213	213	0.0212
19	14.08	34.602	5.51	20	14.08	34.602	5.50	25.88	213	213	0.0426
29	14.08	34.602	5.46	30	14.06	34.600	5.46	25.88	212	213	0.0639
51	13.68	34.564	5.46	50	13.69	34.565	5.46	25.93	208	209	0.1062
76	13.55	34.540	5.66	75	13.55	34.540	5.65	25.94	207	208	0.1584
101	13.35	34.523	5.66	100	13.35	34.523	5.66	25.97	204	206	0.2104

GYUNGBUG 853 , STATION 206-05 , 34-08.1. N, 129-06.3. E, FEB. 8. 1987, 03:00 KST.
 DEPTH 130 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 4 , BARO 1023. ,
 AIR TEMP. DRY 10.8, WET , CLOUD. TYPE , AMT , WEATHER

0	14.79	34.656	5.81	0	14.79	34.656	5.81	25.77	223	223	0.0000
10	14.80	34.657	5.71	10	14.80	34.657	5.71	25.76	223	223	0.0223
20	14.81	34.657	5.51	20	14.81	34.657	5.51	25.76	223	224	0.0447
31	14.82	34.656	5.46	30	14.81	34.656	5.46	25.76	224	224	0.0671
50	14.69	34.636	5.77	50	14.69	34.636	5.77	25.77	223	224	0.1120
75	14.32	34.595	5.51	75	14.32	34.595	5.51	25.82	218	220	0.1676
100	13.79	34.547	5.51	100	13.79	34.547	5.51	25.89	211	213	0.2218
125	13.10	34.496	5.41	125	13.10	34.496	5.41	26.00	201	204	0.2741

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

4 月(April)

GYUNGBUG 853 , STATION 206-01 , 34-35.5. N, 128-34.5. E, APR. 16. 1987, 10:10 KST,
 DEPTH 62 , COLOR 4, TRANS. 6.0, WAVE NE 1, SWELL NE 1, WIND NE 3 , BARO 1024. ,
 AIR TEMP. DRY 16.5, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	13.61	34.451	6.40	0	13.61	34.451	6.40	25.86	214	214	0.0000
10	13.57	34.538	6.28	10	13.57	34.538	6.28	25.93	207	207	0.0211
20	13.52	34.474	6.35	20	13.52	34.474	6.35	25.89	211	211	0.0420
30	13.46	34.426	6.24	30	13.46	34.426	6.24	25.87	213	214	0.0633
50	13.18	34.461	6.19	50	13.18	34.461	6.19	25.95	205	206	0.1054
60	13.03	34.457	6.11								

GYUNGBUG 853 , STATION 206-02 , 34-29.6. N, 128-41.2. E, APR. 16. 1987, 09:10 KST,
 DEPTH 70 , COLOR 4, TRANS. 6.0, WAVE NE 1, SWELL NE 1, WIND NE 4 , BARO 1024. ,
 AIR TEMP. DRY 16.0, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	12.94	34.413	6.41	0	12.94	34.413	6.41	25.96	204	204	0.0000
10	12.88	34.417	6.59	10	12.88	34.417	6.59	25.98	203	203	0.0203
20	12.83	34.405	6.46	20	12.83	34.405	6.46	25.98	203	203	0.0407
30	12.73	34.377	6.40	30	12.73	34.377	6.40	25.98	203	203	0.0611
50	12.03	34.381	6.30	50	12.03	34.381	6.30	26.12	190	191	0.1006
67	11.84	34.373	6.08								

GYUNGBUG 853 , STATION 206-03 , 34-22.4. N, 128-49.7. E, APR. 16. 1987, 08:00 KST,
 DEPTH 94 , COLOR 3, TRANS. 8.0, WAVE NE 2, SWELL NE 1, WIND NE 4 , BARO 1023. ,
 AIR TEMP. DRY 16.0, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	15.20	34.617	6.01	0	15.20	34.617	6.01	25.65	235	234	0.0000
10	15.21	34.672	6.18	10	15.21	34.672	6.18	25.69	231	231	0.0232
20	15.19	34.636	6.09	20	15.19	34.636	6.09	25.66	233	233	0.0465

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

30	15.14	34.641	6.20	30	15.14	34.641	6.20	25.68	231	232	0.0698
50	12.52	34.360	6.19	50	12.52	34.360	6.19	26.01	200	201	0.1132
75	12.17	34.330	5.80	75	12.17	34.330	5.80	26.05	196	198	0.1632
90	11.88	34.366	5.60								

GYUNGBUG 853 , STATION 206-04 , 34-15.3. N, 128-58.0. E, APR. 16, 1987, 06:50 KST,
 DEPTH 110 , COLOR 3, TRANS. 10.0, WAVE NE 1, SWELL NE 1, WIND NE 4 , BARO 1024. ,
 AIR TEMP. DRY 13.8, WET , CLOUD, TYPE CC, AMT 05, WEATHER BC

0	15.75	34.672	5.98	0	15.75	34.672	5.98	25.57	242	242	0.0000
10	15.86	34.695	5.92	10	15.86	34.695	5.92	25.56	243	243	0.0242
20	15.85	34.675	5.91	20	15.85	34.675	5.91	25.55	244	244	0.0486
30	15.80	34.698	5.86	30	15.80	34.698	5.86	25.57	241	242	0.0730
50	15.80	34.678	5.80	50	15.80	34.678	5.80	25.56	243	244	0.1217
75	15.70	34.660	5.67	75	15.70	34.660	5.67	25.57	242	244	0.1828
100	15.00	34.621	5.58	100	15.00	34.621	5.58	25.69	230	233	0.2425

GYUNGBUG 853 , STATION 206-05 , 34-08.1. N, 129-06.3. E, APR. 16, 1987, 05:30 KST,
 DEPTH 130 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 3 , BARO 1024. ,
 AIR TEMP. DRY 13.5, WET , CLOUD, TYPE CC, AMT 03, WEATHER BC

0	15.24	34.658	5.70	0	15.24	34.658	5.70	25.67	232	232	0.0000
10	15.50	34.640	5.68	10	15.50	34.640	5.68	25.60	239	239	0.0236
20	15.50	34.632	5.88	20	15.50	34.632	5.88	25.59	240	240	0.0476
30	15.51	34.612	5.56	30	15.51	34.612	5.56	25.57	241	242	0.0717
50	15.25	34.604	5.62	50	15.25	34.604	5.62	25.63	237	238	0.1198
75	14.80	34.576	5.57	75	14.80	34.576	5.57	25.70	229	231	0.1785
98	14.75	34.581	5.56	100	14.73	34.573	5.53	25.72	228	230	0.2363
122	14.54	34.490	5.31								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

6月(June)

BUSAN 852 , STATION 206-01 , 34-35.5, N, 128-34.5, E, JUN. 6.1987, 05:25 KST,
 DEPTH 82 , COLOR , TRANS. , WAVE SW 1, SWELL SW 1, WIND SW 3 , BARO 1010.5,
 AIR TEMP. DRY 18.0, WET , CLOUD. TYPE NS, AMT 10, WEATHER C

0	16.42	33.948	6.30	0	16.42	33.948	6.30	24.86	310	309	0.0000
11	15.73	33.999	6.40	10	15.79	33.994	6.39	25.04	293	293	0.0301
19	14.09	34.063	6.65	20	14.07	34.062	6.62	25.46	252	252	0.0574
30	13.92	34.057	6.35	30	13.92	34.057	6.35	25.49	249	250	0.0825
50	13.49	34.099	5.95	50	13.49	34.099	5.95	25.61	238	239	0.1315
75	12.99	34.027	5.80	75	12.99	34.027	5.80	25.66	234	235	0.1909

1279-

BUSAN 852 , STATION 206-02 , 34-29.6, N, 128-41.2, E, JUN. 6.1987, 04:15 KST,
 DEPTH 73 , COLOR , TRANS. , WAVE SW 1, SWELL SW 1, WIND SW 3 , BARO 1010.5,
 AIR TEMP. DRY 18.2, WET , CLOUD. TYPE NS, AMT 10, WEATHER C

0	17.89	33.899	6.40	0	17.89	33.899	6.40	24.47	346	346	0.0000
11	15.54	33.904	6.60	10	15.75	33.903	6.58	24.98	298	298	0.0322
21	13.73	33.987	6.90	20	13.91	33.978	6.87	25.43	255	255	0.0599
30	13.40	34.036	6.35	30	13.40	34.036	6.35	25.58	241	241	0.0848
50	13.53	34.175	5.80	50	13.53	34.175	5.80	25.66	233	234	0.1324
71	13.37	34.138	5.65								

BUSAN 852 , STATION 206-03 , 34-22.4, N, 128-49.7, E, JUN. 6.1987, 03:00 KST,
 DEPTH 96 , COLOR , TRANS. , WAVE SW 1, SWELL SW 1, WIND SW 3 , BARO 1010.5,
 AIR TEMP. DRY 18.2, WET , CLOUD. TYPE , AMT , WEATHER F

0	18.21	33.544	6.30	0	18.21	33.544	6.30	24.12	380	379	0.0000
10	16.96	33.517	6.60	10	16.96	33.517	6.60	24.40	353	353	0.0366
21	14.98	33.812	7.15	20	15.16	33.785	7.10	25.02	294	295	0.0690

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
30	13.75	33.948	6.50	30	13.75	33.948	6.50	25.44	254	255	0.0966
51	13.80	34.249	5.90	50	13.79	34.234	5.92	25.65	234	235	0.1456
75	13.79	34.272	5.75	75	13.79	34.272	5.75	25.68	231	233	0.2042
94	13.90	34.309	5.40								

BUSAN 852 , STATION 206-04 , 34-15.3. N. 128-58.0. E, JUN. 6.1987, 01:45 KST,
 DEPTH 113 , COLOR , TRANS. , WAVE SW 1, SWELL SW 1, WIND SW 3 , BARO 1010.5,
 AIR TEMP. DRY 18.2, WET , CLOUD, TYPE , AMT , WEATHER F

0	17.86	33.365	6.30	0	17.86	33.365	6.30	24.07	385	384	0.0000
9	17.09	33.369	6.60	10	16.97	33.370	6.66	24.28	364	364	0.0374
20	15.87	33.380	7.30	20	15.87	33.380	7.30	24.55	339	339	0.0726
31	13.70	33.751	7.05	30	13.89	33.717	7.07	25.23	274	274	0.1034
50	14.51	34.437	5.80	50	14.51	34.437	5.80	25.66	233	234	0.1543
76	14.52	34.493	5.60	75	14.51	34.490	5.60	25.70	230	231	0.2127
101	14.50	34.495	5.40	100	14.50	34.494	5.40	25.70	229	231	0.2707
110	14.37	34.457	*****								

BUSAN 852 , STATION 206-05 , 34-08.1. N. 129-06.3. E, JUN. 6.1987, 00:30 KST,
 DEPTH 130 , COLOR , TRANS. , WAVE SW 1, SWELL SW 1, WIND SW 4 , BARO 1011. ,
 AIR TEMP. DRY 18.8, WET , CLOUD, TYPE , AMT , WEATHER F

0	18.68	33.344	6.00	0	18.68	33.344	6.00	23.85	405	405	0.0000
11	18.46	33.408	6.25	10	18.48	33.402	6.22	23.95	396	396	0.0401
20	18.77	33.973	6.50	20	18.77	33.973	6.50	24.31	362	362	0.0780
30	16.18	33.921	6.45	30	16.18	33.921	6.45	24.89	306	307	0.1115
51	14.57	34.263	6.25	50	14.64	34.246	6.25	25.48	250	251	0.1674
75	14.48	34.491	5.25	75	14.48	34.491	5.25	25.71	229	231	0.2278
101	14.56	34.509	5.00	100	14.55	34.508	5.00	25.70	229	232	0.2857
125	14.61	34.531	4.90	125	14.61	34.531	4.90	25.71	229	232	0.3437

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

8月(August)

GYUNGBUG 853 , STATION 206-01 , 34-35.5. N, 128-34.5. E, AUG. 12, 1987, 14:30 KST,
 DEPTH 62 , COLOR 4, TRANS. 8.0, WAVE SE 1, SWELL SE 1, WIND SE 3 , BARO 1018.5,
 AIR TEMP. DRY 25.0, WET , CLOUD, TYPE NS, AMT 08, WEATHER C

0	21.06	32.322	5.01	0	21.06	32.322	5.01	22.46	538	538	0.0000
10	18.98	32.716	5.11	10	18.98	32.716	5.11	23.30	458	458	0.0498
20	17.21	33.345	4.89	20	17.21	33.345	4.89	24.21	371	371	0.0913
30	16.15	33.693	4.62	30	16.15	33.693	4.62	24.72	322	323	0.1261
50	15.78	33.811	4.36	50	15.78	33.811	4.36	24.90	306	307	0.1891
60	15.68	33.839	3.94								

GYUNGBUG 853 , STATION 206-02 , 34-29.6. N, 128-41.2. E, AUG. 12, 1987, 15:35 KST,
 DEPTH 70 , COLOR 3, TRANS. 16.0, WAVE SE 1, SWELL SE 1, WIND SE 3 , BARO 1018.5,
 AIR TEMP. DRY 24.6, WET , CLOUD, TYPE NS, AMT 08, WEATHER C

0	23.00	30.765	4.81	0	23.00	30.765	4.81	20.75	702	702	0.0000
10	21.16	31.306	4.90	10	21.16	31.306	4.90	21.66	615	615	0.0658
20	19.80	32.086	5.09	20	19.80	32.086	5.09	22.61	524	524	0.1228
30	17.95	32.764	5.02	30	17.95	32.764	5.02	23.59	430	431	0.1706
50	16.06	33.537	4.70	50	16.06	33.537	4.70	24.62	332	333	0.2471
68	14.84	34.066	4.31								

GYUNGBUG 853 , STATION 206-03 , 34-22.4. N, 128-49.7. E, AUG. 12, 1987, 16:50 KST,
 DEPTH 94 , COLOR 3, TRANS. 15.0, WAVE SE 2, SWELL SE 1, WIND SE 3 , BARO 1018. ,
 AIR TEMP. DRY 23.0, WET , CLOUD, TYPE NS, AMT 10, WEATHER R

0	23.14	31.003	4.79	0	23.14	31.003	4.79	20.89	689	689	0.0000
10	23.00	31.269	4.79	10	23.00	31.269	4.79	21.13	666	666	0.0677
20	20.53	31.777	5.12	20	20.53	31.777	5.12	22.19	564	565	0.1293

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

30	17.66	32.579	5.23	30	17.66	32.579	5.23	23.52	437	438	0.1795
50	16.31	33.130	5.11	50	16.31	33.130	5.11	24.26	367	368	0.2601
75	16.22	34.170	4.30	75	16.22	34.170	4.30	25.07	289	291	0.3426
92	15.71	34.277	3.79								

GYUNGBUC 853 , STATION 206-04 , 34-15.3. N, 128-58.0. E, AUG.12.1987, 18:05 KST,
 DEPTH 110 , COLOR 3, TRANS. 12.5, WAVE SE 2, SWELL SE 1, WIND SE 4 , BARO 1017. ,
 AIR TEMP. DRY 23.0, WET , CLOUD, TYPE NS, AMT 08, WEATHER C

0	24.39	31.630	4.86	0	24.39	31.630	4.86	21.00	678	678	0.0000
10	23.34	32.029	4.82	10	23.34	32.029	4.82	21.61	620	620	0.0649
20	19.45	31.789	5.23	20	19.45	31.789	5.23	22.48	537	537	0.1228
30	18.94	32.483	5.07	30	18.94	32.483	5.07	23.13	474	475	0.1734
50	16.72	32.879	4.74	50	16.72	32.879	4.74	23.97	394	395	0.2605
75	16.02	33.832	4.67	75	16.02	33.832	4.67	24.86	309	311	0.3490
101	14.84	33.956	4.20	100	14.88	33.951	4.21	25.20	277	279	0.4228

GYUNGBUC 853 , STATION 206-05 , 34-08.1. N, 129-06.3. E, AUG.12.1987, 19:20 KST,
 DEPTH 130 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 3 , BARO 1017. ,
 AIR TEMP. DRY 23.8, WET , CLOUD, TYPE NS, AMT 08, WEATHER C

0	24.06	31.455	4.93	0	24.06	31.455	4.93	20.96	682	681	0.0000
10	23.87	32.193	5.07	10	23.87	32.193	5.07	21.58	623	623	0.0652
20	22.83	32.826	4.86	20	22.83	32.826	4.86	22.35	549	549	0.1239
30	22.04	33.084	4.75	30	22.04	33.084	4.75	22.77	509	509	0.1768
50	20.47	33.385	4.43	50	20.47	33.385	4.43	23.42	446	447	0.2726
75	19.54	33.649	4.27	75	19.54	33.649	4.27	23.87	404	406	0.3794
100	18.17	33.654	4.16	100	18.17	33.654	4.16	24.22	371	373	0.4769
125	17.50	34.333	3.59	125	17.50	34.333	3.59	24.90	306	309	0.5624

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

10月(October)

GYUNGBUG 853 , STATION 206-01 , 34-35.5. N, 128-34.5. E, OCT. 23. 1987, 21:45 KST,
 DEPTH 62 , COLOR , TRANS. , WAVE NE 3, SWELL NE 1, WIND NE 5 , BARO 1028. ,
 AIR TEMP. DRY 17.5, WET , CLOUD, TYPE , AMT , WEATHER

0	20.86	33.380	5.02	0	20.86	33.380	5.02	23.32	457	456	0.0000
10	20.36	33.361	5.17	10	20.36	33.361	5.17	23.43	445	445	0.0451
20	20.39	33.352	5.07	20	20.39	33.352	5.07	23.42	447	447	0.0897
30	20.39	33.356	5.07	30	20.39	33.356	5.07	23.42	446	447	0.1345
50	20.30	33.537	5.02	50	20.30	33.537	5.02	23.58	431	432	0.2225
60	18.88	33.576	4.57								

GYUNGBUG 853 , STATION 206-02 , 34-29.6. N, 128-41.2. E, OCT. 23. 1987, 20:40 KST,
 DEPTH 70 , COLOR , TRANS. , WAVE NE 3, SWELL NE 1, WIND NE 5 , BARO 1028. ,
 AIR TEMP. DRY 16.0, WET , CLOUD, TYPE , AMT , WEATHER

0	20.63	33.529	5.07	0	20.63	33.529	5.07	23.49	440	440	0.0000
10	20.62	33.473	5.17	10	20.62	33.473	5.17	23.45	444	444	0.0442
20	20.58	33.477	5.07	20	20.58	33.477	5.07	23.46	442	443	0.0885
30	20.62	33.479	5.07	30	20.62	33.479	5.07	23.46	443	444	0.1329
50	20.61	33.489	4.92	50	20.61	33.489	4.92	23.47	442	443	0.2217
68	19.90	33.737	4.57								

GYUNGBUG 853 , STATION 206-03 , 34-22.4. N, 128-49.7. E, OCT. 23. 1987, 19:25 KST,
 DEPTH 94 , COLOR , TRANS. , WAVE NE 3, SWELL NE 1, WIND NE 5 , BARO 1028. ,
 AIR TEMP. DRY 18.0, WET , CLOUD, TYPE , AMT , WEATHER

0	22.23	34.217	4.97	0	22.23	34.217	4.97	23.57	432	432	0.0000
10	22.23	34.219	5.02	10	22.23	34.219	5.02	23.58	432	432	0.0432
20	22.24	34.217	5.12	20	22.24	34.217	5.12	23.57	432	432	0.0864

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
30	22.23	34.224	5.17	30	22.23	34.224	5.17	23.58	431	432	0.1297
50	22.22	34.227	5.07	50	22.22	34.227	5.07	23.59	431	432	0.2162
75	22.13	34.242	4.57	75	22.13	34.242	4.57	23.62	427	429	0.3240
92	15.47	34.056	3.58								

GYUNGBUG 853 , STATION 206-04 , 34-15.3. N, 128-58.0. E, OCT. 23. 1987, 18:15 KST,
 DEPTH 110 , COLOR , TRANS. , WAVE NE 3, SWELL NE 1, WIND NE 5 , BARO 1028. ,
 AIR TEMP. DRY 18.0, WET , CLOUD, TYPE , AMT , WEATHER

0	22.02	34.156	4.82	0	22.02	34.156	4.82	23.59	431	430	0.0000
10	22.03	34.150	5.07	10	22.03	34.150	5.07	23.58	431	431	0.0431
20	22.03	34.153	4.97	20	22.03	34.153	4.97	23.58	431	431	0.0863
30	21.97	34.143	5.07	30	21.97	34.143	5.07	23.59	430	431	0.1294
50	22.03	34.139	4.97	50	22.03	34.139	4.97	23.57	432	433	0.2160
75	21.40	34.019	4.47	75	21.40	34.019	4.47	23.65	424	426	0.3236
97	15.15	33.985	3.68								

GYUNGBUG 853 , STATION 206-05 , 34-08.1. N, 129-06.3. E, OCT. 23. 1987, 17:00 KST,
 DEPTH 130 , COLOR 3, TRANS. 11.0, WAVE NE 3, SWELL NE 2, WIND NE 5 , BARO 1029. ,
 AIR TEMP. DRY 18.2, WET , CLOUD, TYPE AS, AMT 08, WEATHER C

0	22.41	34.190	4.92	0	22.41	34.190	4.92	23.50	439	438	0.0000
10	22.44	34.153	4.97	10	22.44	34.153	4.97	23.47	442	442	0.0440
20	22.51	34.192	5.02	20	22.51	34.192	5.02	23.48	441	442	0.0883
30	22.49	34.188	4.97	30	22.49	34.188	4.97	23.48	441	442	0.1325
50	22.47	34.190	4.97	50	22.47	34.190	4.97	23.49	440	442	0.2209
75	22.41	34.306	4.52	75	22.41	34.306	4.52	23.59	430	432	0.3302
98	15.17	34.272	3.87	100	15.20	34.299	3.82	25.40	258	260	0.4169
123	15.59	34.612	3.33								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

12月(December)

BUSAN 852 , STATION 206-01 , 34-35.5. N, 128-34.5. E, DEC. 4, 1987, 05:10 KST,
 DEPTH 65 , COLOR , TRANS. , WAVE NW 4, SWELL NW 2, WIND NW 5 , BARO 1025. ,
 AIR TEMP. DRY 3.8, WET , CLOUD, TYPE AS, AMT 10, WEATHER C

0	12.62	33.408	5.47	0	12.62	33.408	5.47	25.25	272	272	0.0000
10	14.80	33.399	5.32	10	14.80	33.399	5.32	24.80	315	315	0.0294
20	14.79	33.404	5.08	20	14.79	33.404	5.08	24.80	315	315	0.0609
29	14.77	33.392	5.18	30	14.77	33.393	5.18	24.80	315	316	0.0925
50	14.79	33.422	5.18	50	14.79	33.422	5.18	24.82	313	314	0.1556
63	14.81	33.423	4.87								

BUSAN 852 , STATION 206-02 , 34-29.6. N, 128-41.2. E, DEC. 4, 1987, 04:10 KST,
 DEPTH 75 , COLOR , TRANS. , WAVE NW 4, SWELL NW 2, WIND NW 5 , BARO 1025. ,
 AIR TEMP. DRY 4.8, WET , CLOUD, TYPE AS, AMT 10, WEATHER C

0	16.11	34.028	5.18	0	16.11	34.028	5.18	24.99	297	297	0.0000
10	18.81	34.036	5.03	10	18.81	34.036	5.03	24.35	358	358	0.0327
20	18.23	34.072	4.94	20	18.23	34.072	4.94	24.52	342	342	0.0678
30	18.24	34.063	4.95	30	18.24	34.063	4.95	24.51	343	343	0.1021
50	15.33	34.073	4.98	50	15.33	34.073	4.98	25.20	277	278	0.1643
73	15.39	34.287	4.18								

BUSAN 852 , STATION 206-03 , 34-22.4. N, 128-49.7. E, DEC. 4, 1987, 02:45 KST,
 DEPTH 90 , COLOR , TRANS. , WAVE NW 4, SWELL NW 2, WIND NW 5 , BARO 1024.5,
 AIR TEMP. DRY 5.0, WET , CLOUD, TYPE AS, AMT 10, WEATHER C

0	14.43	33.542	5.52	0	14.43	33.542	5.52	24.99	297	297	0.0000
10	16.48	33.550	5.27	10	16.48	33.550	5.27	24.54	340	340	0.0318
20	16.46	33.601	5.32	20	16.46	33.601	5.32	24.58	336	336	0.0657

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
30	16.47	33.599	5.18	30	16.47	33.599	5.18	24.58	336	337	0.0994
50	16.25	33.626	4.98	50	16.25	33.626	4.98	24.65	329	330	0.1662
75	15.24	34.386	4.23	75	15.24	34.386	4.23	25.46	252	254	0.2394
88	14.66	34.521	3.77								

BUSAN 852 , STATION 206-04 , 34-15.3. N, 128-58.0. E, DEC. 4. 1987, 01:40 KST,
 DEPTH 110 , COLOR , TRANS. , WAVE NW 4, SWELL NW 2, WIND NW 6 , BARO 1023. ,
 AIR TEMP. DRY 5.5, WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	16.93	34.144	4.94	0	16.93	34.144	4.94	24.89	307	306	0.0000
10	16.97	34.002	5.08	10	16.97	34.002	5.08	24.77	318	318	0.0312
20	18.28	34.046	5.03	20	18.28	34.046	5.03	24.49	345	345	0.0644
30	18.13	34.071	5.13	30	18.13	34.071	5.13	24.54	339	340	0.0987
50	17.87	34.110	5.18	50	17.87	34.110	5.18	24.64	331	332	0.1660
75	16.08	34.587	4.42	75	16.08	34.587	4.42	25.43	256	257	0.2397
100	15.86	34.657	3.63	100	15.86	34.657	3.63	25.53	246	248	0.3031
108	13.91	*****	*****								

BUSAN 852 , STATION 206-05 , 34-08.1. N, 129-06.3. E, DEC. 4. 1987, 00:20 KST,
 DEPTH 131 , COLOR , TRANS. , WAVE NW 4, SWELL NW 2, WIND NW 5 , BARO 1023. ,
 AIR TEMP. DRY 6.2, WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	18.32	34.036	5.37	0	18.32	34.036	5.37	24.47	346	346	0.0000
10	19.87	33.992	4.98	10	19.87	33.992	4.98	24.04	387	387	0.0367
20	20.22	34.109	5.13	20	20.22	34.109	5.13	24.04	387	388	0.0755
30	20.28	34.006	4.98	30	20.28	34.006	4.98	23.95	396	397	0.1148
49	20.05	34.015	5.03	50	20.01	34.014	5.01	24.02	389	390	0.1936
75	19.16	33.991	4.73	75	19.16	33.991	4.73	24.23	370	372	0.2890
99	17.03	34.093	4.79	100	17.02	34.113	4.74	24.84	311	313	0.3748
124	16.83	34.616	3.77	125	16.80	*****	*****	*****	***	***	*****
129	16.70	*****	*****								

205 線 海洋觀測 成績 Oceanographic Data. Line 205

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

2月(February)

BUSAN 852 , STATION 205-01 , 34-22.3. N, 127-48.5. E, FEB. 7. 1987, 06:00 KST,
DEPTH 54 , COLOR , TRANS. , WAVE W 3, SWELL W 1, WIND W 3 , BARO 1015.3,
AIR TEMP. DRY 7.6, WET , CLOUD, TYPE AS, AMT 02, WEATHER B

0	8.81	34.095	6.60	0	8.81	34.095	6.60	26.46	158	157	0.0000
11	8.84	34.102	6.70	10	8.83	34.101	6.69	26.46	158	157	0.0157
19	8.84	34.113	6.65	20	8.83	34.113	6.64	26.47	157	157	0.0315
30	8.78	34.116	6.60	30	8.78	34.116	6.60	26.48	156	156	0.0472
48	8.67	34.104	6.62								

BUSAN 852 , STATION 205-02 , 34-15.0. N, 127-52.1. E, FEB. 7. 1987, 04:50 KST,
DEPTH 72 , COLOR , TRANS. , WAVE WNW 3, SWELL WNW 1, WIND WNW 4 , BARO 1015.3,
AIR TEMP. DRY 8.4, WET , CLOUD, TYPE AS, AMT 02, WEATHER B

0	10.71	34.298	6.25	0	10.71	34.298	6.25	26.30	173	173	0.0000
11	10.53	34.279	6.20	10	10.54	34.280	6.20	26.31	171	171	0.0172
19	10.10	34.214	6.35	20	10.09	34.213	6.35	26.34	169	169	0.0343
31	10.00	34.204	6.45	30	10.00	34.204	6.44	26.35	168	168	0.0512
50	9.18	34.131	6.50	50	9.18	34.131	6.50	26.42	161	161	0.0842
68	8.66	34.075	6.40								

BUSAN 852 , STATION 205-03 , 34-05.5. N, 127-56.9. E, FEB. 7. 1987, 03:20 KST,
DEPTH 88 , COLOR , TRANS. , WAVE W 3, SWELL W 1, WIND W 4 , BARO 1015.5,
AIR TEMP. DRY 10.2, WET , CLOUD, TYPE AS, AMT 02, WEATHER B

0	14.37	34.647	5.90	0	14.37	34.647	5.90	25.85	215	215	0.0000
11	14.39	34.640	5.85	10	14.38	34.640	5.85	25.84	216	216	0.0215

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	O2	DEPTH	TEMP	SAL	O2	SIGMA-T	D-T	SVA	D-DY
19	14.39	34.639	5.85	20	14.38	34.639	5.84	25.84	216	216	0.0432
30	14.38	34.639	5.83	30	14.38	34.639	5.83	25.84	216	216	0.0649
51	13.63	34.530	6.05	50	13.66	34.535	6.03	25.91	209	210	0.1077
74	11.95	34.382	6.10	75	11.95	34.382	6.06	26.13	188	190	0.1578
85	11.98	34.390	5.70								

BUSAN 852 , STATION 205-04 , 33-51.5. N, 128-03.0. E, FEB. 7.1987, 01:33 KST,
 DEPTH 100 , COLOR , TRANS. , WAVE WNW 3, SWELL WNW 1, WIND WNW 5 , BARO 1015.6,
 AIR TEMP. DRY 11.0, WET , CLOUD. TYPE AS, AMT 02, WEATHER B

0	15.22	34.725	5.70	0	15.22	34.725	5.70	25.73	227	227	0.0000
10	15.22	34.725	5.80	10	15.22	34.725	5.80	25.73	227	227	0.0227
21	15.10	34.711	5.62	20	15.11	34.712	5.63	25.74	226	226	0.0454
29	14.43	34.635	5.60	30	14.39	34.632	5.60	25.83	217	217	0.0676
50	13.62	34.577	5.60	50	13.62	34.577	5.60	25.95	205	206	0.1101
76	13.08	34.511	5.63	75	13.10	34.513	5.62	26.01	200	202	0.1612
93	12.27	34.423	5.45								

BUSAN 852 , STATION 205-05 , 33-37.3. N, 128-09.2. E, FEB. 6.1987, 23:40 KST,
 DEPTH 121 , COLOR , TRANS. , WAVE W 3, SWELL W 1, WIND W 5 , BARO 1016.5,
 AIR TEMP. DRY 11.2, WET , CLOUD. TYPE AS, AMT 02, WEATHER B

0	15.52	34.705	5.57	0	15.52	34.705	5.57	25.64	235	235	0.0000
11	15.51	34.702	5.43	10	15.51	34.702	5.44	25.64	235	235	0.0235
19	15.52	34.702	5.57	20	15.52	34.701	5.56	25.64	235	235	0.0470
29	15.52	34.701	5.50	30	15.52	34.700	5.50	25.64	235	236	0.0706
51	15.52	34.700	5.50	50	15.52	34.700	5.50	25.64	235	236	0.1179
75	15.52	34.699	5.57	75	15.52	34.699	5.57	25.64	235	237	0.1772
101	14.43	34.582	5.48	100	14.47	34.586	5.48	25.78	222	224	0.2350
119	12.76	34.466	5.40								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

4 月(April)

BUSAN 852 , STATION 205-01 , 34-22.3. N, 127-48.5. E, APR. 4, 1987, 05:35 KST,
 DEPTH 49 , COLOR , TRANS. , WAVE NW 1, SWELL NW 1, WIND NW 3 , BARO 1017. ,
 AIR TEMP. DRY 9.7, WET , CLOUD, TYPE CI, AMT 01, WEATHER B

0	9.71	34.063	6.35	0	9.71	34.063	6.35	26.28	174	174	0.0000
10	9.70	34.059	6.15	10	9.70	34.059	6.15	26.28	174	174	0.0174
20	9.68	34.055	6.10	20	9.68	34.055	6.10	26.28	174	174	0.0348
30	9.60	34.054	6.00	30	9.60	34.054	6.00	26.30	173	173	0.0522
47	9.51	34.056	6.07								

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BUSAN 852 , STATION 205-02 , 34-15.0. N, 127-52.1. E, APR. 4, 1987, 04:30 KST,
 DEPTH 67 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 4 , BARO 1017. ,
 AIR TEMP. DRY 10.4, WET , CLOUD, TYPE CI, AMT 01, WEATHER B

0	12.45	34.417	5.80	0	12.45	34.417	5.80	26.06	195	195	0.0000
10	12.46	34.419	5.85	10	12.46	34.419	5.85	26.06	195	195	0.0195
21	12.41	34.414	5.80	20	12.41	34.414	5.80	26.07	194	195	0.0390
30	12.12	34.394	5.80	30	12.12	34.394	5.80	26.11	190	191	0.0583
50	11.81	34.381	6.05	50	11.81	34.381	6.05	26.16	186	187	0.0962
63	11.56	34.369	6.10								

BUSAN 852 , STATION 205-03 , 34-05.5. N, 127-56.9. E, APR. 4, 1987, 03:10 KST,
 DEPTH 85 , COLOR , TRANS. , WAVE WNW 2, SWELL WNW 1, WIND WNW 3 , BARO 1017. ,
 AIR TEMP. DRY 10.2, WET , CLOUD, TYPE CI, AMT 01, WEATHER B

0	13.47	34.515	5.75	0	13.47	34.515	5.75	25.94	207	207	0.0000
10	13.47	34.515	5.70	10	13.47	34.515	5.70	25.94	207	207	0.0207

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
20	13.40	34.509	5.80	20	13.40	34.509	5.80	25.95	206	206	0.0414
31	12.93	34.429	5.85	30	12.97	34.436	5.84	25.98	203	204	0.0619
51	12.60	34.411	5.95	50	12.61	34.411	5.94	26.03	198	199	0.1023
76	12.29	34.393	5.90	75	12.30	34.393	5.90	26.07	194	195	0.1518
81	12.28	34.395	*****								
BUSAN 852 , STATION 205-04 , 33-51.5. N, 128-03.0. E, APR. 4.1987, 01:05 KST, DEPTH 105 , COLOR , TRANS. , WAVE WNW 2, SWELL WNW 1, WIND WNW 4 , BARO 1017. , AIR TEMP. DRY 11.0, WET , CLOUD, TYPE CI, AMT 01, WEATHER B											
0	15.31	34.643	5.65	0	15.31	34.643	5.65	25.64	235	235	0.0000
10	15.32	34.640	5.40	10	15.32	34.640	5.40	25.64	235	235	0.0235
21	15.33	34.641	5.40	20	15.32	34.640	5.40	25.64	235	236	0.0471
31	15.33	34.641	5.65	30	15.33	34.641	5.62	25.64	235	236	0.0707
50	15.28	34.629	5.55	50	15.28	34.629	5.55	25.64	235	236	0.1181
75	15.06	34.598	5.65	75	15.06	34.598	5.65	25.66	233	235	0.1771
101	14.99	34.595	5.40	100	14.99	34.595	5.40	25.68	232	234	0.2359
BUSAN 852 , STATION 205-05 , 33-37.3. N, 128-09.2. E, APR. 3.1987, 23:15 KST, DEPTH 123 , COLOR , TRANS. , WAVE WNW 2, SWELL WNW 1, WIND WNW 4 , BARO 1015. , AIR TEMP. DRY 12.0, WET , CLOUD, TYPE CI, AMT 01, WEATHER B											
0	15.57	34.696	5.55	0	15.57	34.696	5.55	25.62	237	236	0.0000
10	15.55	34.692	5.60	10	15.55	34.692	5.60	25.63	236	236	0.0236
21	15.56	34.694	5.55	20	15.55	34.693	5.55	25.63	236	237	0.0473
31	15.56	34.692	5.60	30	15.56	34.692	5.59	25.62	237	237	0.0711
51	15.56	34.693	5.50	50	15.56	34.692	5.50	25.62	237	238	0.1187
76	15.56	34.692	5.45	75	15.56	34.692	5.45	25.62	237	238	0.1783
99	14.99	34.674	5.10	100	14.96	34.674	5.07	25.74	225	228	0.2368
116	14.58	34.678	4.75								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

6月(June)

BUSAN 852 , STATION 205-01 , 34-22.3. N, 127-48.5. E, JUN. 10. 1987, 04:20 KST,
 DEPTH 53 , COLOR , TRANS. , WAVE NE 1, SWELL NE 1, WIND NE 2 , BARO 1007. ,
 AIR TEMP. DRY 17.9, WET , CLOUD, TYPE CI, AMT 01, WEATHER B

0	18.59	33.668	6.20	0	18.59	33.668	6.20	24.12	380	379	0.0000
10	17.98	33.667	6.45	10	17.98	33.667	6.45	24.27	365	365	0.0372
20	16.85	33.748	6.55	20	16.85	33.748	6.55	24.60	334	334	0.0722
30	15.51	33.862	6.35	30	15.51	33.862	6.35	25.00	296	297	0.1038
50	13.44	33.877	6.25	50	13.44	33.877	6.25	25.45	253	254	0.1590

BUSAN 852 , STATION 205-02 , 34-15.0. N, 127-52.1. E, JUN. 10. 1987, 03:20 KST,
 DEPTH 60 , COLOR , TRANS. , WAVE NE 1, SWELL NE 1, WIND NE 2 , BARO 1007. ,
 AIR TEMP. DRY 17.2, WET , CLOUD, TYPE CI, AMT 01, WEATHER B

0	16.93	33.324	6.55	0	16.93	33.324	6.55	24.26	366	366	0.0000
11	16.21	33.322	6.75	10	16.27	33.322	6.73	24.41	352	352	0.0359
20	14.80	33.509	6.60	20	14.80	33.509	6.60	24.88	307	307	0.0689
30	13.13	33.755	6.35	30	13.13	33.755	6.35	25.42	256	257	0.0972
50	12.07	33.752	6.20	50	12.07	33.752	6.20	25.62	237	238	0.1467
57	11.77	33.763	*****								

BUSAN 852 , STATION 205-03 , 34-05.5. N, 127-56.9. E, JUN. 10. 1987, 02:15 KST,
 DEPTH 83 , COLOR , TRANS. , WAVE NE 1, SWELL NE 1, WIND NE 3 , BARO 1007. ,
 AIR TEMP. DRY 17.0, WET , CLOUD, TYPE CI, AMT 01, WEATHER B

0	17.17	33.200	6.10	0	17.17	33.200	6.10	24.11	381	380	0.0000
10	16.13	33.265	6.50	10	16.13	33.265	6.50	24.40	353	353	0.0367

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
20	13.72	33.598	6.60	20	13.72	33.598	6.60	25.18	279	279	0.0683
30	12.59	33.722	6.15	30	12.59	33.722	6.15	25.50	249	249	0.0948
51	13.56	34.145	6.15	50	13.51	34.124	6.15	25.63	236	237	0.1435
75	14.36	34.436	5.95	75	14.36	34.436	5.95	25.69	230	232	0.2024
81	14.37	34.439	*****								

BUSAN 852 , STATION 205-04 , 33-51.5. N, 128-03.0. E, JUN. 10. 1987, 00:30 KST,
 DEPTH 85 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 4 , BARO 1007. ,
 AIR TEMP. DRY 18.2, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	17.77	33.029	6.20	0	17.77	33.029	6.20	23.84	407	407	0.0000
10	17.51	33.052	6.30	10	17.51	33.052	6.30	23.92	399	399	0.0403
20	16.33	33.217	6.45	20	16.33	33.217	6.45	24.32	361	361	0.0784
29	14.00	33.572	5.90	30	14.05	33.609	5.87	25.12	285	285	0.1107
50	15.22	34.365	5.45	50	15.22	34.365	5.45	25.45	253	254	0.1648
76	14.33	34.473	5.30	75	14.36	34.468	5.30	25.71	228	230	0.2255
82	14.33	34.471	*****								

BUSAN 852 , STATION 205-05 , 33-37.3. N, 128-09.2. E, JUN. 9. 1987, 22:45 KST,
 DEPTH 120 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1007. ,
 AIR TEMP. DRY 19.2, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	20.26	32.896	5.75	0	20.26	32.896	5.75	23.11	476	476	0.0000
11	20.00	33.123	6.05	10	20.02	33.102	6.02	23.33	456	456	0.0466
21	18.46	33.511	6.05	20	18.61	33.472	6.05	23.97	394	395	0.0891
31	16.86	33.834	6.00	30	17.02	33.801	6.00	24.61	334	334	0.1256
49	15.38	34.072	5.80	50	15.33	34.079	5.78	25.20	277	278	0.1869
76	14.25	34.286	5.50	75	14.29	34.278	5.51	25.58	241	242	0.2521
100	14.67	34.568	4.95	100	14.67	34.568	4.95	25.72	227	230	0.3112
113	14.70	34.587	4.80								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

8月(August)

BUSAN 852 , STATION 205-01 , 34-22.3, N, 127-48.5, E, AUG. 15, 1987, 02:40 KST,
 DEPTH 56 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 3 , BARO 1010. ,
 AIR TEMP. DRY 23.8, WET , CLOUD, TYPE 01, AMT 05, WEATHER BC

0	22.90	31.677	5.14	0	22.90	31.677	5.14	21.47	634	633	0.0000
9	20.16	32.218	4.96	10	19.63	32.257	4.94	22.70	515	515	0.0574
21	17.79	32.692	4.74	20	17.98	32.652	4.75	23.50	439	440	0.1052
30	16.14	33.148	4.49	30	16.14	33.148	4.49	24.31	362	362	0.1454
49	14.78	34.125	4.34	50	14.77	34.128	****	25.36	261	262	0.2080
53	14.77	34.140	****								

BUSAN 852 , STATION 205-02 , 34-15.0, N, 127-52.1, E, AUG. 15, 1987, 01:40 KST,
 DEPTH 63 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 3 , BARO 1010. ,
 AIR TEMP. DRY 24.0, WFT , CLOUD, TYPE AS, AMT 07, WEATHER BC

0	21.89	31.973	5.41	0	21.89	31.973	5.41	21.97	585	585	0.0000
11	19.81	32.288	5.47	10	19.99	32.259	5.46	22.69	516	516	0.0550
22	16.69	32.997	5.06	20	17.25	32.868	5.13	23.84	407	407	0.1013
29	15.79	33.263	4.80	30	15.73	33.312	4.79	24.53	341	342	0.1388
51	14.48	34.360	4.65	50	14.53	34.310	4.65	25.55	243	244	0.1974
59	14.51	34.365	****								

BUSAN 852 , STATION 205-03 , 34-05.5, N, 127-56.9, E, AUG. 15, 1987, 00:30 KST,
 DEPTH 83 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 3 , BARO 1010. ,
 AIR TEMP. DRY 24.7, WET , CLOUD, TYPE AS, AMT 08, WEATHER C

0	23.39	31.556	5.15	0	23.39	31.556	5.15	21.23	656	655	0.0000
10	20.17	32.114	5.37	10	20.17	32.114	5.37	22.54	531	531	0.0593

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
20	18.48	32.485	4.90	20	18.48	32.485	4.90	23.25	463	463	0.1091
29	15.77	33.138	4.90	30	15.72	33.167	4.89	24.42	351	352	0.1499
52	14.68	33.817	4.85	50	14.77	33.757	4.85	25.08	289	290	0.2141
75	15.27	34.325	4.03	75	15.27	34.325	4.03	25.41	257	259	0.2828
BUSAN 852 , STATION 205-04 , 33-51.5. N, 128-03.0. E. AUG. 14. 1987, 22:50 KST, UPPER 100 , COLOR , TRANS. , WAVE SE 2, SWELL SE 1, WIND SE 3 , BARO 1010. , AIR TEMP. DRY 25.0, WET , CLOUD, TYPE AS, AMT 08, WEATHER C											
0	24.33	31.633	5.26	0	24.33	31.633	5.26	21.02	676	676	0.0000
9	24.17	31.819	5.15	10	23.84	31.889	5.14	21.36	644	644	0.0660
21	20.21	32.666	5.06	20	20.54	32.595	5.06	22.81	505	506	0.1235
30	18.04	33.216	4.95	30	18.04	33.216	4.95	23.91	400	400	0.1689
50	17.33	33.837	4.58	50	17.33	33.837	4.58	24.56	338	339	0.2429
73	15.76	34.691	4.13	75	15.72	34.691	4.10	25.59	240	242	0.3157
98	15.36	34.695	3.83								
BUSAN 852 , STATION 205-05 , 33-37.3. N, 128-09.2. E. AUG. 14. 1987, 21:10 KST, DEPTH 130 , COLOR , TRANS. , WAVE SW 2, SWELL SW 1, WIND SW 4 , BARO 1010. , AIR TEMP. DRY 26.0, WET , CLOUD, TYPE NS, AMT 10, WEATHER C											
0	25.42	32.364	4.90	0	25.42	32.364	4.90	21.24	655	655	0.0000
10	25.02	32.594	5.00	10	25.02	32.594	5.00	21.54	627	627	0.0641
19	21.94	33.427	5.25	20	21.76	33.420	5.19	23.10	477	477	0.1193
30	19.99	33.356	4.69	30	19.99	33.356	4.69	23.53	436	437	0.1651
49	18.59	33.550	4.48	50	18.53	33.569	4.46	24.06	385	387	0.2475
76	17.10	34.068	4.18	75	17.15	34.048	4.19	24.76	319	320	0.3360
98	15.27	34.685	4.04	100	15.23	34.683	4.02	25.69	230	233	0.4053
125	14.75	34.658	3.88	125	14.75	34.658	3.88	25.78	222	225	0.4627

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

10月(October)

BUSAN 852 , STATION 205-01 , 34-22.3. N, 127-48.5. E, OCT.12.1987, 01:30 KST,
 DEPTH 56 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 4 , BARO 1010. ,
 AIR TEMP. DRY 21.8, WET , CLOUD, TYPE CI, AMT 01, WEATHER B

0	20.89	32.239	5.15	0	20.89	32.239	5.15	22.44	540	0.0000
9	21.67	32.363	5.15	10	21.64	32.380	5.14	22.35	549	0.0544
21	21.34	32.578	5.05	20	21.36	32.560	5.05	22.56	529	0.1084
31	20.22	32.859	4.55	30	20.33	32.830	4.60	23.04	483	0.1591
50	16.21	33.501	4.15	50	16.21	33.501	4.15	24.56	338	0.2414
54	16.01	33.548	*****							

BUSAN 852 , STATION 205-02 , 34-15.0. N, 127-52.1. E, OCT.12.1987, 00:40 KST,
 DEPTH 56 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 4 , BARO 1009.5,
 AIR TEMP. DRY 21.7, WET , CLOUD, TYPE CI, AMT 01, WEATHER B

0	21.06	32.333	5.10	0	21.06	32.333	5.10	22.47	538	0.0000
10	21.08	32.258	5.00	10	21.08	32.258	5.00	22.41	543	0.0540
20	20.65	32.274	4.85	20	20.65	32.274	4.85	22.53	531	0.1078
30	18.72	32.842	4.45	30	18.72	32.842	4.45	23.46	443	0.1566
50	14.33	34.018	4.05	50	14.33	34.018	4.05	25.37	260	0.2272
54	14.33	34.051	*****							

BUSAN 852 , STATION 205-03 , 34-05.5. N, 127-56.9. E, OCT.11.1987, 23:40 KST,
 DEPTH 80 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 3 , BARO 1009.5,
 AIR TEMP. DRY 21.6, WET , CLOUD, TYPE CI, AMT 02, WEATHER B

0	22.24	32.562	5.10	0	22.24	32.562	5.10	22.32	552	0.0000
10	22.19	32.685	5.05	10	22.19	32.685	5.05	22.43	542	0.0547

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
21	22.30	32.839	4.90	20	22.29	32.825	4.91	22.50	534	534	0.1085
31	20.03	33.031	4.75	30	20.25	33.011	4.76	23.20	468	469	0.1587
51	19.70	34.431	3.90	50	19.71	34.361	3.94	24.36	357	358	0.2414
74	15.17	34.385	3.60	75	15.16	34.387	*****	25.48	251	252	0.3178
78	15.15	34.396	*****								

BUSAN 852 , STATION 205-04 , 33-51.5. N, 128-03.0. E, OCT. 11. 1987, 22:15 KST,
 DEPTH 85 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 3 , BARO 1009.5,
 AIR TEMP. DRY 22.4, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	24.53	34.391	4.75	0	24.53	34.391	4.75	23.04	483	483	0.0000
11	24.65	34.370	4.70	10	24.63	34.371	4.70	22.99	487	487	0.0485
20	24.64	34.392	4.70	20	24.64	34.392	4.70	23.01	486	486	0.0973
31	24.65	34.390	4.75	30	24.64	34.390	4.74	23.00	486	487	0.1460
50	22.25	34.389	3.85	50	22.25	34.389	3.85	23.70	420	421	0.2369
75	16.09	34.408	3.60	75	16.09	34.408	3.60	25.29	269	271	0.3235
83	16.11	34.579	*****								

BUSAN 852 , STATION 205-05 , 33-37.3. N, 128-09.2. E, OCT. 11. 1987, 20:45 KST,
 DEPTH 116 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1008. ,
 AIR TEMP. DRY 23.0, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	24.73	34.433	4.80	0	24.73	34.433	4.80	23.01	486	485	0.0000
10	24.77	34.378	4.70	10	24.77	34.378	4.70	22.96	491	491	0.0488
20	24.76	34.467	4.75	20	24.76	34.467	4.75	23.03	484	484	0.0976
31	24.77	34.411	4.70	30	24.76	34.416	4.70	22.99	488	489	0.1463
50	24.79	34.390	4.20	50	24.79	34.390	4.20	22.96	490	492	0.2445
75	21.17	34.535	3.60	75	21.17	34.535	3.60	24.11	381	383	0.3540
101	15.90	34.666	3.65	100	16.10	34.660	3.64	25.48	251	253	0.4336
112	15.76	34.669	3.50								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

12月(December)

BUSAN 852 , STATION 205-01 , 34-22.3. N, 127-48.5. E, DEC. 8. 1987, 02:50 KST,
 DEPTH 57 , COLOR , TRANS. , WAVE NW 3, SWELL NW 2, WIND NW 4 , BARO 1028.5,
 AIR TEMP. DRY 7.4, WET , CLOUD. TYPE AC, AMT 09, WEATHER C

0	13.23	33.303	5.61	0	13.23	33.303	5.61	25.05	291	291	0.0000
10	14.13	33.289	5.56	10	14.13	33.289	5.56	24.85	310	310	0.0300
20	14.00	33.288	5.56	20	14.00	33.288	5.56	24.88	307	308	0.0610
30	13.96	33.320	5.85	30	13.96	33.320	5.85	24.91	304	305	0.0916
50	13.89	33.302	5.47	50	13.89	33.302	5.47	24.91	304	305	0.1527
55	13.88	*****	*****								

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BUSAN 852 , STATION 205-02 , 34-15.0. N, 127-52.1. E, DEC. 8. 1987, 02:00 KST,
 DEPTH 53 , COLOR , TRANS. , WAVE NW 3, SWELL NW 2, WIND NW 4 , BARO 1028.5,
 AIR TEMP. DRY 7.9, WET , CLOUD. TYPE AC, AMT 08, WEATHER C

0	13.98	33.365	5.81	0	13.98	33.365	5.81	24.94	301	301	0.0000
10	13.48	33.287	5.61	10	13.48	33.287	5.61	24.99	297	297	0.0299
20	13.48	33.295	5.71	20	13.48	33.295	5.71	24.99	297	297	0.0597
30	13.48	33.285	5.61	30	13.48	33.285	5.61	24.98	297	298	0.0895
50	14.68	33.300	5.47	50	14.68	33.300	5.47	24.75	320	321	0.1515

BUSAN 852 , STATION 205-03 , 34-05.5. N, 127-56.9. E, DEC. 8. 1987, 01:00 KST,
 DEPTH 79 , COLOR , TRANS. , WAVE NW 3, SWELL NW 2, WIND NW 4 , BARO 1028.5,
 AIR TEMP. DRY 8.2, WET , CLOUD. TYPE CI, AMT 06, WEATHER BC

0	12.40	33.366	5.56	0	12.40	33.366	5.56	25.26	271	271	0.0000
10	12.71	33.331	5.52	10	12.71	33.331	5.52	25.17	279	279	0.0275

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
20	14.22	33.320	5.46	20	14.22	33.320	5.46	24.86	309	310	0.0570
30	13.96	33.305	5.36	30	13.96	33.305	5.36	24.90	305	306	0.0878
50	14.28	34.247	4.68	50	14.28	34.247	4.68	25.56	243	244	0.1429
74	16.45	34.409	4.03								

BUSAN 852 , STATION 205-04 , 33-51.5. N. 128-03.0. E. DEC. 7. 1987, 23:25 KST,
 DEPTH 92 , COLOR , TRANS. , WAVE NW 3, SWELL NW 2, WIND NW 4 , BARO 1029. ,
 AIR TEMP. DRY 9.2, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	15.79	34.140	5.42	0	15.79	34.140	5.42	25.15	282	282	0.0000
10	17.55	34.076	5.23	10	17.55	34.076	5.23	24.69	326	326	0.0304
20	17.10	34.150	5.26	20	17.10	34.150	5.26	24.85	310	310	0.0622
30	16.62	34.224	5.23	30	16.62	34.224	5.23	25.02	294	294	0.0925
51	16.54	34.628	4.61	50	16.54	34.608	4.63	25.34	264	265	0.1486
76	17.44	34.600	4.23	75	17.40	34.601	4.24	25.13	284	286	0.2176
90	17.27	34.473	4.01								

BUSAN 852 , STATION 205-05 , 33-37.3. N. 128-09.2. E. DEC. 7. 1987, 21:45 KST,
 DEPTH 119 , COLOR , TRANS. , WAVE NW 3, SWELL NW 2, WIND NW 4 , BARO 1028.5,
 AIR TEMP. DRY 9.2, WET , CLOUD. TYPE AC, AMT 04, WEATHER BC

0	18.81	34.492	4.98	0	18.81	34.492	4.98	24.70	325	325	0.0000
10	18.94	34.518	5.23	10	18.94	34.518	5.23	24.68	326	326	0.0325
20	18.96	34.538	4.98	20	18.96	34.538	4.98	24.69	326	326	0.0652
29	18.93	34.543	4.98	30	18.93	34.543	4.98	24.70	325	325	0.0978
49	18.94	34.549	5.07	50	18.93	34.550	5.06	24.71	324	325	0.1628
75	18.93	34.584	5.03	75	18.93	34.584	5.03	24.74	321	323	0.2440
100	18.97	34.648	4.31	100	18.97	34.648	4.31	24.77	317	320	0.3246
117	16.33	34.663	3.68								

204 線 海洋觀測 成績 Oceanographic Data. Line 204

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

2月(February)

BUSAN 852 , STATION 204-01 , 34-20.8. N, 127-43.9. E, FEB. 7.1987, 06:45 KST,
 DEPTH 40 , COLOR , TRANS. , WAVE W 3, SWELL W 1, WIND W 4 , BARO 1015.5,
 AIR TEMP. DRY 7.6, WET , CLOUD. TYPE AS, AMT 02, WEATHER B

0	9.86	34.207	6.55	0	9.86	34.207	6.55	26.37	166	165	0.0000
11	9.83	34.202	6.52	10	9.83	34.202	6.52	26.37	166	165	0.0165
20	9.56	34.161	6.50	20	9.56	34.161	6.50	26.39	164	164	0.0331
29	9.19	34.114	6.45	30	9.13	34.108	*****	26.42	161	162	0.0494
37	8.72	34.073	*****								

BUSAN 852 , STATION 204-02 , 34-13.7. N, 127-35.4. E, FEB. 7.1987, 08:00 KST,
 DEPTH 34 , COLOR 4, TRANS. 5.0, WAVE WNW 3, SWELL WNW 1, WIND WNW 4 , BARO 1016.5,
 AIR TEMP. DRY 8.0, WET , CLOUD. TYPE AS, AMT 02, WEATHER B

0	10.34	34.262	6.30	0	10.34	34.262	6.30	26.33	169	169	0.0000
9	10.22	34.233	6.45	10	10.15	34.222	6.45	26.33	169	169	0.0169
21	9.49	34.108	6.50	20	9.55	34.118	6.49	26.35	167	167	0.0338
31	9.21	34.086	6.60	30	9.23	34.088	6.59	26.38	165	165	0.0505

BUSAN 852 , STATION 204-03 , 34-06.7. N, 127-26.8. E, FEB. 7.1987, 09:20 KST,
 DEPTH 42 , COLOR 4, TRANS. 2.7, WAVE WNW 3, SWELL WNW 1, WIND WNW 4 , BARO 1017. ,
 AIR TEMP. DRY 8.4, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	7.64	34.031	6.75	0	7.64	34.031	6.75	26.58	146	145	0.0000
11	7.65	34.031	6.75	10	7.64	34.031	6.75	26.58	146	146	0.0145
20	7.65	34.031	6.75	20	7.65	34.031	6.75	26.58	146	146	0.0292
30	7.64	34.031	6.80	30	7.64	34.031	6.80	26.58	146	146	0.0438
39	7.64	34.033	*****								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
BUSAN 852	STATION 204-04 , 33-54.1. N. 127-15.2. E, FEB. 8. 1987, 09:50 KST,										
DEPTH 83	COLOR 3, TRANS. 11.5, WAVE NW 2, SWELL NW 1, WIND NW 3 , BARO 1022. ,										
AIR TEMP. DRY 11.4, WET	, CLOUD. TYPE , AMT 00, WEATHER B										
0	14.93	34.658	5.75	0	14.93	34.658	5.75	25.74	226	226	0.0000
11	14.93	34.657	5.90	10	14.93	34.657	5.88	25.74	226	226	0.0226
21	14.93	34.658	5.80	20	14.93	34.657	5.81	25.74	226	226	0.0452
31	14.93	34.657	5.60	30	14.93	34.657	5.62	25.74	226	226	0.0679
50	14.93	34.658	5.85	50	14.93	34.658	5.85	25.74	226	227	0.1134
76	14.93	34.658	5.75	75	14.93	34.658	5.75	25.74	226	228	0.1703
BUSAN 852	STATION 204-05 , 33-45.5. N. 127-09.2. E, FEB. 8. 1987, 11:10 KST,										
DEPTH 95	COLOR 3, TRANS. 14.0, WAVE W 3, SWELL W 1, WIND W 4 , BARO 1022. ,										
AIR TEMP. DRY 12.3, WET	, CLOUD. TYPE , AMT 00, WEATHER B										
0	15.72	34.705	5.75	0	15.72	34.705	5.75	25.60	239	239	0.0000
9	15.71	34.703	5.60	10	15.71	34.703	5.61	25.60	239	239	0.0239
21	15.71	34.707	5.75	20	15.71	34.706	5.73	25.60	239	239	0.0478
30	15.66	34.706	5.55	30	15.66	34.706	5.55	25.61	238	238	0.0718
50	15.58	34.694	5.75	50	15.58	34.694	5.75	25.62	237	238	0.1195
76	15.50	34.689	5.65	75	15.50	34.689	5.65	25.63	236	237	0.1791
92	15.28	34.669	5.70								
BUSAN 852	STATION 204-06 , 33-35.8. N. 127-03.2. E, FEB. 8. 1987, 12:30 KST,										
DEPTH 125	COLOR 3, TRANS. 15.0, WAVE W 3, SWELL W 1, WIND W 3 , BARO 1021.3,										
AIR TEMP. DRY 13.2, WET	, CLOUD. TYPE , AMT 00, WEATHER B										
0	16.29	34.769	5.50	0	16.29	34.769	5.50	25.52	247	247	0.0000
11	16.28	34.765	5.80	10	16.28	34.765	5.77	25.52	247	247	0.0247

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
19	16.27	34.765	5.65	20	16.27	34.765	5.64	25.52	247	247	0.0494
30	16.27	34.766	5.60	30	16.27	34.766	5.60	25.52	247	247	0.0742
50	16.27	34.764	5.50	50	16.27	34.764	5.50	25.52	247	248	0.1238
76	16.22	34.751	5.60	75	16.22	34.751	5.59	25.52	247	249	0.1860
100	16.14	34.742	5.60	100	16.14	34.742	5.60	25.53	246	248	0.2482
121	16.09	34.740	5.60								

4月(April)

BUSAN 852 , STATION 204-01 , 34-20.8. N, 127-43.9. E, APR. 4, 1987, 06:25 KST,
 DEPTH 41 , COLOR , TRANS. , WAVE NW 1, SWELL NW 1, WIND NW 3 , BARO 1017. ,
 AIR TEMP. DRY 9.4, WET , CLOUD. TYPE CI, AMT 01, WEATHER B
 0 10.02 34.147 6.20 0 10.02 34.147 6.20 26.30 173 172 0.0000
 11 10.03 34.143 6.25 10 10.02 34.143 6.24 26.29 173 173 0.0173
 21 9.78 34.120 6.15 20 9.80 34.122 6.16 26.32 171 171 0.0345
 30 9.62 34.108 6.20 30 9.62 34.108 6.20 26.33 169 169 0.0516
 39 9.61 34.108 *****

BUSAN 852 , STATION 204-02 , 34-13.7. N, 127-35.4. E, APR. 4, 1987, 07:35 KST,
 DEPTH 35 , COLOR 5, TRANS. 4.0, WAVE NW 1, SWELL NW 1, WIND NW 4 , BARO 1018. ,
 AIR TEMP. DRY 10.4, WET , CLOUD. TYPE CI, AMT 01, WEATHER B
 0 10.31 34.181 6.20 0 10.31 34.181 6.20 26.27 175 175 0.0000
 10 10.29 34.179 6.05 10 10.29 34.179 6.05 26.28 175 175 0.0175
 20 10.29 34.179 5.85 20 10.29 34.179 5.85 26.28 175 175 0.0350
 29 10.28 34.174 5.80 30 10.27 34.174 ***** 175 175 0.0525
 33 10.26 34.174 *****

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 204-03 , 34-06.7. N, 127-26.8. E, APR. 4. 1987, 09:05 KST,
 DEPTH 49 , COLOR 5, TRANS. 4.0, WAVE NW 1, SWELL NW 1, WIND NW 3 , BARO 1017. ,
 AIR TEMP. DRY 10.6, WET , CLOUD, TYPE CI, AMT 01, WEATHER B

0	12.58	34.385	5.90	0	12.58	34.385	5.90	26.01	200	199	0.0000
9	12.52	34.385	5.70	10	12.51	34.385	5.70	26.03	198	198	0.0199
20	12.51	34.387	5.80	20	12.51	34.387	5.80	26.03	198	198	0.0398
30	12.52	34.389	5.85	30	12.52	34.389	5.85	26.03	198	199	0.0597
47	12.52	34.386	5.70								

BUSAN 852 , STATION 204-04 , 33-54.1. N, 127-15.2. E, APR. 5. 1987, 09:00 KST,
 DEPTH 83 , COLOR 3, TRANS. 10.0, WAVE SE 1, SWELL SE 1, WIND SE 3 , BARO 1019.5,
 AIR TEMP. DRY 16.0, WET , CLOUD, TYPE CI, AMT 08, WEATHER C

0	14.68	34.280	5.85	0	14.68	34.280	5.85	25.50	248	248	0.0000
10	14.66	34.236	5.75	10	14.66	34.236	5.75	25.47	251	251	0.0250
20	14.48	34.220	5.70	20	14.48	34.220	5.70	25.50	249	249	0.0500
30	14.44	34.216	5.65	30	14.44	34.216	5.65	25.50	248	249	0.0749
50	14.18	34.225	5.55	50	14.18	34.225	5.55	25.56	242	243	0.1242
66	13.84	34.264	5.35								

BUSAN 852 , STATION 204-05 , 33-45.5. N, 127-09.2. E, APR. 5. 1987, 01:20 KST,
 DEPTH 94 , COLOR 3, TRANS. 11.0, WAVE SE 1, SWELL SE 1, WIND SE 3 , BARO 1019. ,
 AIR TEMP. DRY 18.8, WET , CLOUD, TYPE CI, AMT 07, WEATHER BC

0	15.91	34.685	5.75	0	15.91	34.685	5.75	25.54	245	244	0.0000
10	15.71	34.671	5.60	10	15.71	34.671	5.60	25.57	241	241	0.0243

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

19	15.32	34.593	5.55	20	15.28	34.585	5.54	25.60	239	239	0.0483
29	14.94	34.516	5.45	30	14.93	34.516	5.44	25.63	236	237	0.0722
49	14.83	34.520	5.35	50	14.82	34.522	5.34	25.66	234	235	0.1194
75	14.82	34.593	5.30	75	14.82	34.593	5.30	25.71	228	230	0.1777
91	14.71	34.626	5.20								

BUSAN 852 , STATION 204-06 , 33-35.8. N, 127-03.2. E, APR. 5.1987, 11:35 KST,
 DEPTH 117 , COLOR 3, TRANS. 12.0, WAVE SE 1, SWELL SE 1, WIND SE 4 , BARO 1019. ,
 AIR TEMP. DRY 17.2, WET , CLOUD. TYPE CI, AMT 08, WEATHER C

0	14.74	34.496	5.70	0	14.74	34.496	5.70	25.65	234	233	0.0000
10	14.48	34.494	5.50	10	14.48	34.494	5.50	25.71	229	229	0.0231
19	14.31	34.502	5.50	20	14.30	34.500	5.50	25.75	225	225	0.0458
31	14.22	34.487	5.55	30	14.22	34.488	5.54	25.76	224	224	0.0683
50	14.15	34.467	5.40	50	14.15	34.467	5.40	25.76	224	225	0.1134
75	13.87	34.481	5.30	75	13.87	34.481	5.30	25.83	217	219	0.1690
100	13.75	34.551	5.30	100	13.75	34.551	5.30	25.91	210	212	0.2230
110	13.67	34.510	5.30								

6月(June)

BUSAN 852 , STATION 204-01 , 34-20.8. N, 127-43.9. E, JUN.10.1987, 04:55 KST,
 DEPTH 45 , COLOR , TRANS. , WAVE NE 1, SWELL NE 1, WIND NE 2 , BARO 1007.5,
 AIR TEMP. DRY 17.6, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	18.36	33.588	6.30	0	18.36	33.588	6.30	24.12	380	380	0.0000
10	18.30	33.639	6.45	10	18.30	33.639	6.45	24.17	375	375	0.0377
20	17.75	33.646	6.20	20	17.75	33.646	6.20	24.31	362	362	0.0746
30	14.96	33.874	5.90	30	14.96	33.874	5.90	25.13	284	284	0.1070
40	14.63	33.926	5.75								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 204-02 , 34-13.7. N, 127-35.4. E, JUN. 10. 1987, 06:20 KST,
 DEPTH 33 , COLOR 3, TRANS. 13.0, WAVE NW 1, SWELL NW 1, WIND NW 2 , BARO 1007.5,
 AIR TEMP. DRY 18.0, WET , CLOUD, TYPE CI, AMT 01, WEATHER B

0	16.62	33.514	6.35	0	16.62	33.514	6.35	24.48	346	345	0.0000
10	15.97	33.606	6.40	10	15.97	33.606	6.40	24.70	325	325	0.0335
21	14.89	33.654	6.40	20	14.98	33.649	6.40	24.95	301	301	0.0648
30	14.19	33.752	6.10	30	14.19	33.752	6.10	25.20	277	278	0.0938

BUSAN 852 , STATION 204-03 , 34-06.7. N, 127-26.8. E, JUN. 10. 1987, 07:35 KST,
 DEPTH 44 , COLOR 4, TRANS. 9.0, WAVE NW 1, SWELL NW 1, WIND NW 2 , BARO 1009. ,
 AIR TEMP. DRY 19.0, WET , CLOUD, TYPE CI, AMT 01, WEATHER B

0	16.20	33.544	6.30	0	16.20	33.544	6.30	24.60	334	334	0.0000
10	15.29	33.561	6.40	10	15.29	33.561	6.40	24.82	314	314	0.0324
20	13.92	33.630	6.55	20	13.92	33.630	6.55	25.16	281	281	0.0621
30	12.82	33.832	6.25	30	12.82	33.832	6.25	25.54	245	245	0.0885
42	12.79	33.837	6.10								

BUSAN 852 , STATION 204-04 , 33-54.1. N, 127-15.2. E, JUN. 11. 1987, 08:45 KST,
 DEPTH 84 , COLOR 3, TRANS. 10.0, WAVE SE 2, SWELL SE 1, WIND SE 3 , BARO 1011.6,
 AIR TEMP. DRY 23.2, WET , CLOUD, TYPE CI, AMT 02, WEATHER B

0	18.90	32.557	6.15	0	18.90	32.557	6.15	23.20	468	467	0.0000
11	18.69	32.687	6.15	10	18.70	32.675	6.15	23.34	455	455	0.0461
20	17.88	33.678	6.25	20	17.88	33.678	6.25	24.31	362	362	0.0870

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
30	15.19	33.977	6.40	30	15.19	33.977	6.40	25.16	281	282	0.1193
51	14.02	34.123	6.15	50	14.07	34.116	6.16	25.50	248	249	0.1724
75	14.34	34.439	5.50	75	14.34	34.439	5.50	25.70	230	232	0.2326
82	14.34	34.436	*****								

BUSAN 852 , STATION 204-05 , 33-45.5. N, 127-09.2. E, JUN. 11, 1987, 10:00 KST,
 DEPTH 95 , COLOR 3, TRANS. 13.0, WAVE SE 2, SWELL SE 1, WIND SE 3 , BARO 1011.7,
 AIR TEMP. DRY 25.7, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	19.22	32.718	6.05	0	19.22	32.718	6.05	23.24	464	463	0.0000
10	18.08	33.724	6.30	10	18.08	33.724	6.30	24.29	363	363	0.0413
20	16.38	34.107	6.15	20	16.38	34.107	6.15	24.99	297	297	0.0744
30	15.89	34.289	5.70	30	15.89	34.289	5.70	25.24	273	274	0.1030
51	15.46	34.335	5.60	50	15.48	34.332	5.60	25.37	261	262	0.1567
75	14.23	34.444	5.15	75	14.23	34.444	5.15	25.72	227	229	0.2183
93	14.21	34.456	*****								

BUSAN 852 , STATION 204-06 , 33-35.8. N, 127-03.2. E, JUN. 11, 1987, 11:20 KST,
 DEPTH 127 , COLOR 3, TRANS. 14.0, WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1011.5,
 AIR TEMP. DRY 23.0, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	19.51	33.461	6.10	0	19.51	33.461	6.10	23.73	417	417	0.0000
11	18.78	33.575	6.25	10	18.84	33.564	6.23	23.98	393	393	0.0405
21	18.07	33.759	6.45	20	18.14	33.740	6.43	24.29	364	364	0.0784
30	17.16	33.997	6.25	30	17.16	33.997	6.25	24.72	322	323	0.1128
50	15.85	34.250	5.65	50	15.85	34.250	5.65	25.22	275	276	0.1728
75	15.47	34.371	5.35	75	15.47	34.371	5.35	25.40	258	260	0.2400
99	14.29	34.455	5.30	100	14.28	34.454	5.30	25.72	228	230	0.3014
125	14.24	34.442	5.30	125	14.24	34.442	5.30	25.72	228	231	0.3591

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

8月(August)

BUSAN 852 , STATION 204-01 , 34-20.8. N, 127-43.9. E, AUG. 15, 1987, 03:25 KST,
 DEPTH 41, COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 3 , BARO 1010. ,
 AIR TEMP. DRY 23.8, WET , CLOUD. TYPE AC, AMT 05, WEATHER BC
 0 22.96 31.650 5.46 0 22.96 31.650 5.46 21.43 637 0.0000
 9 20.56 32.184 5.61 10 20.26 32.261 5.55 22.63 522 0.0580
 20 17.28 33.041 5.00 20 17.28 33.041 5.00 23.96 395 0.1039
 30 16.16 33.290 4.68 30 16.16 33.290 4.68 24.41 352 0.1413
 38 14.58 33.692 *****

BUSAN 852 , STATION 204-02 , 34-13.7. N, 127-35.4. E, AUG. 15, 1987, 04:35 KST,
 DEPTH 34, COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 3 , BARO 1010. ,
 AIR TEMP. DRY 23.5, WET , CLOUD. TYPE AC, AMT 05, WEATHER BC
 0 22.30 31.822 5.32 0 22.30 31.822 5.32 21.74 607 0.0000
 11 20.80 32.148 5.66 10 20.93 32.118 5.62 22.34 550 0.0578
 19 19.93 32.373 5.36 20 19.61 32.438 5.32 22.93 494 0.1101
 31 16.13 33.156 4.90 30 16.44 33.090 4.93 24.19 373 0.1535

BUSAN 852 , STATION 204-03 , 34-06.7. N, 127-26.8. E, AUG. 15, 1987, 05:50 KST,
 DEPTH 45, COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 3 , BARO 1009.7,
 AIR TEMP. DRY 24.6, WET , CLOUD. TYPE NS, AMT 10, WEATHER C
 0 22.30 31.822 5.24 0 22.30 31.822 5.24 21.74 607 0.0000
 11 20.80 32.148 5.61 10 20.93 32.118 5.57 22.34 550 0.0578
 19 19.93 32.373 5.05 20 19.61 32.438 5.03 22.93 494 0.1101
 31 16.13 33.156 4.84 30 16.44 33.090 4.85 24.19 373 0.1535
 34 16.08 33.126 *****

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
BUSAN 852 , STATION 204-04 , 33-54.1. N, 127-15.2. E, AUG. 18. 1987, 09:05 KST, DEPTH 84 , COLOR 3, TRANS. 15.0, WAVE SE 1, SWELL SE 1, WIND SE 3 , BARO 1009. , AIR TEMP. DRY 24.0, WET , CLOUD. TYPE CI, AMT 05, WEATHER BC											
0	21.46	31.810	5.46	0	21.46	31.810	5.46	21.96	586	585	0.0000
9	19.91	31.991	5.66	10	19.61	32.066	5.63	22.64	521	521	0.0553
21	16.39	32.891	5.31	20	16.68	32.816	5.33	23.93	398	398	0.1013
31	15.33	33.274	4.84	30	15.43	33.235	4.88	24.53	340	341	0.1383
49	14.66	33.756	4.60	50	14.64	33.779	4.59	25.12	284	285	0.2010
76	14.36	34.387	4.49	75	14.37	34.363	4.49	25.63	236	238	0.2666
79	14.36	34.365	****								
BUSAN 852 , STATION 204-05 , 33-45.5. N, 127-09.2. E, AUG. 18. 1987, 10:35 KST, DEPTH 96 , COLOR 3, TRANS. 13.0, WAVE SE 2, SWELL SE 1, WIND SE 4 , BARO 1009. , AIR TEMP. DRY 24.8, WET , CLOUD. TYPE AS, AMT 10, WEATHER C											
0	25.53	30.794	5.00	0	25.53	30.794	5.00	20.03	771	771	0.0000
11	22.42	32.100	5.40	10	22.70	31.981	5.36	21.75	606	606	0.0689
21	18.57	32.961	5.25	20	18.95	32.874	5.26	23.43	446	446	0.1215
29	17.88	33.238	4.80	30	17.82	33.247	4.78	23.99	392	393	0.1635
49	16.80	33.434	4.59	50	16.76	33.478	4.57	24.42	351	353	0.2382
74	15.87	34.536	4.27	75	15.81	34.539	4.25	25.45	253	255	0.3143
94	14.80	34.597	4.00								
BUSAN 852 , STATION 204-06 , 33-35.8. N, 127-03.2. E, AUG. 18. 1987, 11:40 KST, DEPTH 128 , COLOR 3, TRANS. 14.0, WAVE SE 2, SWELL SE 1, WIND SE 4 , BARO 1009.5, AIR TEMP. DRY 25.4, WET , CLOUD. TYPE AS, AMT 06, WEATHER BC											
0	25.75	30.981	4.74	0	25.75	30.981	4.74	20.10	764	764	0.0000
10	23.17	31.823	5.20	10	23.17	31.823	5.20	21.50	630	630	0.0697

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
20	20.86	33.026	5.10	20	20.86	33.026	5.10	23.05	482	482	0.1254
29	18.77	32.946	4.80	30	18.69	32.967	4.79	23.56	433	433	0.1713
49	17.19	33.373	4.69	50	17.17	33.419	4.66	24.28	365	366	0.2513
74	16.80	34.525	4.18	75	16.74	34.526	4.17	25.22	275	277	0.3318
100	15.36	34.553	3.94	100	15.36	34.553	3.94	25.56	243	245	0.3971
124	14.53	34.596	3.72								

10月(October)

BUSAN 852 , STATION 204-01 , 34-20.8. N, 127-43.9. E, OCT.12,1987, 02:00 KST,
 DEPTH 38 , COLOR , TRANS. , WAVE NW 3, SWELL NW 2, WIND NW 5 , BARO 1010. ,
 AIR TEMP. DRY 21.0, WET , CLOUD, TYPE CI, AMT 01, WEATHER B

0	20.80	32.183	5.20	0	20.80	32.183	5.20	22.42	542	541	0.0000
10	21.53	32.180	5.25	10	21.53	32.180	5.25	22.23	561	561	0.0551
20	21.48	32.166	4.80	20	21.48	32.166	4.80	22.23	560	561	0.1112
30	19.95	32.551	4.60	30	19.95	32.551	4.60	22.93	494	494	0.1640
36	19.50	32.728	****								

BUSAN 852 , STATION 204-02 , 34-13.7. N, 127-35.4. E, OCT.12,1987, 03:35 KST,
 DEPTH 35 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 3 , BARO 1009. ,
 AIR TEMP. DRY 20.8, WET , CLOUD, TYPE CI, AMT 01, WEATHER B

0	21.44	32.165	5.05	0	21.44	32.165	5.05	22.24	560	559	0.0000
10	21.59	32.102	5.15	10	21.59	32.102	5.15	22.15	568	568	0.0564
20	20.70	32.180	5.15	20	20.70	32.180	5.15	22.45	539	540	0.1118
31	17.57	32.711	4.65	30	17.85	32.662	4.69	23.54	436	436	0.1606
33	17.34	32.795	****								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 204-03 , 34-06.7. N, 127-26.8. E, OCT. 12. 1987, 04:35 KST,
 DEPTH 53 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 4 , BARO 1010.5,
 AIR TEMP. DRY 20.9, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	20.54	32.402	5.25	0	20.54	32.402	5.25	22.66	519	519	0.0000
10	20.58	32.391	5.15	10	20.58	32.391	5.15	22.64	521	521	0.0520
19	20.06	32.413	5.05	20	19.90	32.451	5.00	22.86	500	500	0.1031
29	18.54	32.797	4.60	30	18.01	32.854	4.58	23.57	432	433	0.1498
49	13.94	33.952	4.30	50	13.94	33.943	****	25.40	258	259	0.2191
51	13.94	33.934	****								

BUSAN 852 , STATION 204-04 , 33-54.1. N, 127-15.2. E, OCT. 17. 1987, 09:35 KST,
 DEPTH 85 , COLOR 3, TRANS. 12.0, WAVE NW 3, SWELL NW 2, WIND NW 5 , BARO 1008.5,
 AIR TEMP. DRY 20.9, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	22.07	32.429	5.00	0	22.07	32.429	5.00	22.27	557	557	0.0000
10	23.12	32.610	5.00	10	23.12	32.610	5.00	22.11	572	572	0.0564
20	23.39	32.903	4.90	20	23.39	32.903	4.90	22.25	558	559	0.1130
31	23.30	33.030	4.55	30	23.30	33.018	4.58	22.36	548	548	0.1684
51	17.48	33.429	4.10	50	17.77	33.409	4.12	24.13	379	380	0.2614
75	16.95	34.030	3.80	75	16.95	34.030	3.80	24.80	315	317	0.3487
83	16.98	34.083	****								

BUSAN 852 , STATION 204-05 , 33-45.5. N, 127-09.2. E, OCT. 17. 1987, 10:40 KST,
 DEPTH 96 , COLOR 3, TRANS. 12.0, WAVE NW 3, SWELL NW 2, WIND NW 5 , BARO 1008.5,
 AIR TEMP. DRY 21.2, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	19.92	32.684	5.15	0	19.92	32.684	5.15	23.04	483	483	0.0000
10	20.44	32.674	5.10	10	20.44	32.674	5.10	22.89	497	497	0.0490

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
19	21.24	32.940	5.00	20	21.29	32.952	4.95	22.88	499	499	0.0989
30	21.83	33.075	4.45	30	21.83	33.075	4.45	22.82	504	504	0.1491
50	17.11	33.604	4.00	50	17.11	33.604	4.00	24.43	350	351	0.2347
75	16.02	34.244	3.85	75	16.02	34.244	3.85	25.18	279	281	0.3139
92	16.29	34.445	3.70								

BUSAN 852 , STATION 204-06 , 33-35.8. N, 127-03.2. E, OCT. 17. 1987, 11:40 KST,
 DEPTH 118 , COLOR 3, TRANS. 12.0, WAVE NW 3, SWELL NW 2, WIND NW 5 , BARO 1008.5,
 AIR TEMP. DRY 21.2, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	20.31	32.866	5.00	0	20.31	32.866	5.00	23.07	480	480	0.0000
10	20.42	32.736	5.20	10	20.42	32.736	5.20	22.94	492	492	0.0486
21	20.32	32.751	5.05	20	20.32	32.749	5.06	22.98	489	489	0.0977
31	20.26	32.767	4.45	30	20.26	32.765	4.51	23.01	486	487	0.1465
50	16.17	33.517	4.35	50	16.17	33.517	4.35	24.58	336	337	0.2289
75	14.27	33.698	3.90	75	14.27	33.698	3.90	25.14	283	284	0.3067
100	14.37	34.127	3.90	100	14.37	34.127	3.90	25.45	253	256	0.3743
115	14.83	34.627	3.15								

12月(December)

BUSAN 852 , STATION 204-01 , 34-20.8. N, 127-43.9. E, DEC. 8. 1987, 03:30 KST,
 DEPTH 38 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 3 , BARO 1028.5,
 AIR TEMP. DRY 7.4, WET , CLOUD. TYPE AC, AMT 09, WEATHER C

0	12.26	33.461	5.76	0	12.26	33.461	5.76	25.36	262	261	0.0000
10	13.96	33.478	5.56	10	13.96	33.478	5.56	25.04	293	293	0.0277
21	14.03	*****	5.47	20	14.02	33.488	5.47	25.03	293	293	0.0570
30	14.13	33.502	5.56	30	14.13	33.502	5.56	25.02	294	295	0.0865
36	14.01	*****	*****								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 204-02 , 34-13.7. N, 127-35.4. E, DEC. 8. 1987, 04:40 KST,
 DEPTH 34 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 3 , BARO 1028.5,
 AIR TEMP. DRY 6.8, WET , CLOUD, TYPE AS, AMT 04, WEATHER BC

0	12.50	33.097	6.15	0	12.50	33.097	6.15	25.03	293	293	0.0000
10	12.13	33.067	5.95	10	12.13	33.067	5.95	25.08	288	288	0.0290
20	12.04	33.118	5.65	20	12.04	33.118	5.65	25.14	283	283	0.0577
29	12.08	33.181	5.60	30	12.06	*****	*****	*****	***	***	*****
32	12.02	*****	*****								

1211

BUSAN 852 , STATION 204-03 , 34-06.7. N, 127-26.8. E, DEC. 8. 1987, 05:50 KST,
 DEPTH 53 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 3 , BARO 1028.5,
 AIR TEMP. DRY 6.8, WET , CLOUD, TYPE AS, AMT 07, WEATHER BC

0	13.43	33.657	5.47	0	13.43	33.657	5.47	25.28	269	269	0.0000
10	14.47	33.655	5.44	10	14.47	33.655	5.44	25.06	290	290	0.0279
20	14.51	33.701	5.38	20	14.51	33.701	5.38	25.09	287	288	0.0568
30	14.51	33.679	5.34	30	14.51	33.679	5.34	25.07	289	289	0.0857
50	14.54	33.687	5.13	50	14.54	33.687	5.13	25.07	289	290	0.1438

BUSAN 852 , STATION 204-04 , 33-54.1. N, 127-15.2. E, DEC. 8. 1987, 13:30 KST,
 DEPTH 82 , COLOR 4, TRANS. 10.0, WAVE NW 2, SWELL NW 1, WIND NW 3 , BARO 1026. ,
 AIR TEMP. DRY 9.2, WET , CLOUD, TYPE AS, AMT 10, WEATHER C

0	14.75	33.469	5.32	0	14.75	33.469	5.32	24.86	309	309	0.0000
10	14.98	33.453	5.42	10	14.98	33.453	5.42	24.80	315	315	0.0312

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

21	14.83	33.473	5.33	20	14.84	33.471	5.33	24.84	311	311	0.0626
30	15.74	33.496	5.42	30	15.74	33.496	5.42	24.67	328	328	0.0946
49	16.81	33.523	5.17	50	16.84	33.533	5.15	24.44	349	350	0.1625
75	17.61	33.808	4.79	75	17.61	33.808	4.79	24.47	346	348	0.2500
80	17.30	*****	*****								

BUSAN 852 , STATION 204-05 , 33-45.5. N. 127-09.2. E, DEC. 8. 1987, 14:30 KST,
 DEPTH 105 , COLOR 3, TRANS. 12.0, WAVE NW 2, SWELL NW 1, WIND NW 4 , BARO 1026. ,
 AIR TEMP. DRY 10.4, WET , CLOUD, TYPE CI, AMT 03, WEATHER BC

0	16.64	33.925	5.08	0	16.64	33.925	5.08	24.79	316	316	0.0000
10	16.56	33.881	5.32	10	16.56	33.881	5.32	24.77	318	318	0.0317
20	17.32	33.895	5.08	20	17.32	33.895	5.08	24.61	334	334	0.0643
30	17.51	33.891	5.37	30	17.51	33.891	5.37	24.56	338	339	0.0980
50	17.51	33.942	5.13	50	17.51	33.942	5.13	24.60	334	336	0.1655
75	16.14	34.682	4.50	75	16.14	34.682	4.50	25.48	250	252	0.2390
100	15.78	34.659	3.73	100	15.78	34.659	3.73	25.55	244	246	0.3014

BUSAN 852 , STATION 204-06 , 33-35.8. N. 127-03.2. E, DEC. 8. 1987, 15:35 KST,
 DEPTH 119 , COLOR 3, TRANS. 12.0, WAVE NW 2, SWELL NW 1, WIND NW 3 , BARO 1026. ,
 AIR TEMP. DRY 11.0, WET , CLOUD, TYPE CI, AMT 04, WEATHER BC

0	18.37	34.354	5.18	0	18.37	34.354	5.18	24.70	324	324	0.0000
10	18.31	34.303	4.98	10	18.31	34.303	4.98	24.68	327	327	0.0325
20	18.43	34.363	5.08	20	18.43	34.363	5.08	24.69	325	326	0.0652
30	18.56	34.398	5.18	30	18.56	34.398	5.18	24.69	326	326	0.0979
50	18.37	34.385	5.32	50	18.37	34.385	5.32	24.72	322	323	0.1630
75	18.30	34.376	5.08	75	18.30	34.376	5.08	24.73	321	323	0.2439
100	16.95	34.380	4.60	100	16.95	34.380	4.60	25.06	290	292	0.3210
116	15.29	34.565	4.09								

203 線 海洋觀測 成績 Oceanographic Data. Line 203

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

2月(February)

BUSAN 852 , STATION 203-01 , 33-56.6. N, 126-31.4. E, FEB. 14. 1987, 14:25 KST,
 DEPTH 57 , COLOR 4, TRANS. 4.6, WAVE NW 4, SWELL NW 5 , BARO 1022. ,
 AIR TEMP. DRY 6.2, WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	13.46	34.560	5.92	0	13.46	34.560	5.92	25.97	203	203	0.0000
11	13.48	34.559	5.90	10	13.47	34.559	5.90	25.97	204	204	0.0204
19	13.48	34.554	5.90	20	13.48	34.554	5.89	25.96	204	205	0.0408
31	13.48	34.555	5.84	30	13.48	34.554	5.84	25.96	204	205	0.0613
50	13.48	34.554	5.70	50	13.48	34.554	5.70	25.96	204	205	0.1024

BUSAN 852 , STATION 203-02 , 33-47.5. N, 126-26.3. E, FEB. 14. 1987, 12:45 KST,
 DEPTH 110 , COLOR 4, TRANS. 6.5, WAVE N 4, SWELL N 2, WIND N 5 , BARO 1022.6,
 AIR TEMP. DRY 7.2, WET , CLOUD. TYPE CI, AMT 05, WEATHER BC

0	13.80	34.609	5.80	0	13.80	34.609	5.80	25.94	207	206	0.0000
10	13.80	34.607	5.70	10	13.80	34.607	5.70	25.94	207	207	0.0206
21	13.80	34.609	5.80	20	13.80	34.608	5.79	25.94	207	207	0.0414
31	13.80	34.610	5.78	30	13.80	34.609	5.78	25.94	206	207	0.0621
51	13.78	34.606	5.84	50	13.78	34.606	5.83	25.94	206	207	0.1036
75	13.78	34.603	5.70	75	13.78	34.603	5.70	25.94	207	208	0.1557
100	13.78	34.608	5.80	100	13.78	34.608	5.80	25.94	206	209	0.2080

BUSAN 852 , STATION 203-03 , 33-38.3. N, 126-21.3. E, FEB. 14. 1987, 11:15 KST,
 DEPTH 136 , COLOR 4, TRANS. 6.3, WAVE N 4, SWELL N 2, WIND N 5 , BARO 1023. ,
 AIR TEMP. DRY 7.4, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	13.91	34.550	5.90	0	13.91	34.550	5.90	25.87	213	213	0.0000
10	13.92	34.543	5.80	10	13.92	34.543	5.80	25.86	214	214	0.0213

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
21	13.92	34.558	5.78	20	13.92	34.556	5.78	25.88	213	213	0.0427
29	13.92	34.559	5.72	30	13.92	34.559	5.71	25.88	213	213	0.0641
52	13.92	34.562	5.70	50	13.92	34.561	5.70	25.88	212	213	0.1068
76	13.94	34.570	5.77	75	13.93	34.569	5.76	25.88	212	214	0.1604
100	13.95	34.569	5.78	100	13.95	34.569	5.78	25.88	212	215	0.2141
123	13.96	34.576	5.82	125	13.96	34.575	5.81	25.88	212	215	0.2680
133	13.96	34.574	5.77								

4月(April)

BUSAN 852 , STATION 203-01 , 33-56.6. N, 126-31.4. E, APR. 9, 1987, 11:15 KST,
 DEPTH 58 , COLOR 4, TRANS. 6.0, WAVE SE 1, SWELL SE 1, WIND SE 2 , BARO 1009. ,
 AIR TEMP. DRY 14.7, WET , CLOUD. TYPE NS, AMT 10, WEATHER R

0	13.28	34.332	5.85	0	13.28	34.332	5.85	25.83	217	216	0.0000
10	13.19	34.338	5.90	10	13.19	34.338	5.90	25.86	215	215	0.0215
19	13.15	34.327	5.80	20	13.11	34.327	5.80	25.86	214	214	0.0430
29	12.80	34.329	5.80	30	12.78	34.330	5.79	25.93	208	208	0.0642
51	12.56	34.357	5.75	50	12.57	34.355	5.75	25.99	202	203	0.1053
56	12.55	34.362	*****								

BUSAN 852 , STATION 203-02 , 33-47.5. N, 126-26.3. E, APR. 9, 1987, 10:00 KST,
 DEPTH 100 , COLOR 4, TRANS. 7.0, WAVE SE 1, SWELL SE 1, WIND SE 2 , BARO 1009. ,
 AIR TEMP. DRY 13.8, WET , CLOUD. TYPE NS, AMT 10, WEATHER R

0	13.02	34.180	5.90	0	13.02	34.180	5.90	25.77	223	223	0.0000
10	13.00	34.187	5.80	10	13.00	34.187	5.80	25.78	222	222	0.0222
21	13.09	34.221	5.60	20	13.08	34.217	5.61	25.79	221	222	0.0445
31	12.99	34.287	5.75	30	13.00	34.280	5.73	25.85	215	216	0.0664
49	12.54	34.199	5.80	50	12.51	34.200	5.79	25.88	212	213	0.1093
76	11.94	34.240	5.70	75	11.96	34.238	5.70	26.02	199	201	0.1611
96	11.82	34.248	5.65								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 203-03 , 33-38.3. N, 126-21.3. E, APR. 9.1987, 08:40 KST,
 DEPTH 140 , COLOR 4, TRANS. 7.0, WAVE SE 1, SWELL SE 1, WIND SE 2 , BARO 1009. ,
 AIR TEMP. DRY 13.8, WET , CLOUD. TYPE NS, AMT 10, WEATHER R

0	12.53	34.172	6.15	0	12.53	34.172	6.15	25.86	214	214	0.0000
11	12.49	34.199	6.05	10	12.49	34.196	6.05	25.88	212	212	0.0213
20	12.26	34.244	5.85	20	12.26	34.244	5.85	25.97	204	204	0.0421
31	12.11	34.301	5.75	30	12.12	34.295	5.75	26.03	198	198	0.0623
51	12.08	34.321	5.60	50	12.08	34.320	5.60	26.06	195	196	0.1018
76	12.07	34.329	5.50	75	12.07	34.328	5.50	26.07	194	196	0.1510
99	12.07	34.333	5.50	100	12.06	34.333	5.49	26.07	194	196	0.2001
125	11.98	34.355	5.35	125	11.98	34.355	5.35	26.11	191	193	0.2489
137	11.97	34.357	*****								

6月(June)

BUSAN 852 , STATION 203-01 , 33-56.6. N, 126-31.4. E, JUN.14.1987, 14:10 KST,
 DEPTH 60 , COLOR 3, TRANS. 12.0, WAVE NE 3, SWELL NE 2, WIND NE 5 , BARO 1001. ,
 AIR TEMP. DRY 17.6, WET , CLOUD. TYPE NS, AMT 10, WEATHER R

0	16.65	32.673	5.75	0	16.65	32.673	5.75	23.83	408	407	0.0000
11	14.97	33.100	5.90	10	15.12	33.061	5.88	24.47	347	347	0.0377
20	14.40	33.300	6.05	20	14.40	33.300	6.05	24.81	314	315	0.0708
31	13.54	33.457	5.95	30	13.61	33.442	5.95	25.08	289	289	0.1010
49	13.19	33.809	5.60	50	13.12	33.810	*****	25.46	252	253	0.1553
58	12.63	33.825	*****								

BUSAN 852 , STATION 203-02 , 33-47.5. N, 126-26.3. E, JUN.14.1987, 12:55 KST,
 DEPTH 110 , COLOR 3, TRANS. 12.0, WAVE NE 3, SWELL NE 2, WIND NE 5 , BARO 1011. ,
 AIR TEMP. DRY 18.4, WET , CLOUD. TYPE NS, AMT 10, WEATHER R

0	17.80	32.715	5.60	0	17.80	32.715	5.60	23.59	430	430	0.0000
11	17.05	32.719	5.85	10	17.11	32.718	5.82	23.75	415	415	0.0422

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
20	14.49	33.082	6.15	20	14.49	33.082	6.15	24.62	332	332	0.0796
29	13.40	33.295	6.15	30	13.32	33.313	6.12	25.04	292	293	0.1110
50	11.76	33.692	5.70	50	11.76	33.692	5.70	25.63	236	237	0.1640
75	12.16	33.851	5.60	75	12.16	33.851	5.60	25.68	231	233	0.2227
101	12.12	33.847	5.60	100	12.12	33.847	5.60	25.69	231	233	0.2810

BUSAN 852 , STATION 203-03 , 33-38.3. N, 126-21.3. E, JUN. 14, 1987, 11:30 KST,
 DEPTH 137 , COLOR 3, TRANS. 11.0, WAVE NE 3, SWELL NE 2, WIND NE 5 , BARO 1001. ,
 AIR TEMP. DRY 18.7, WET , CLOUD, TYPE NS, AMT 10, WEATHER R

0	19.17	32.684	5.50	0	19.17	32.684	5.50	23.23	465	465	0.0000
10	19.08	33.017	5.80	10	19.08	33.017	5.80	23.50	439	439	0.0452
20	16.83	33.568	5.85	20	16.83	33.568	5.85	24.47	346	347	0.0845
31	15.61	33.957	5.85	30	15.72	33.921	5.85	25.00	296	297	0.1167
49	14.92	34.265	5.60	50	14.90	34.269	5.59	25.44	254	255	0.1720
75	14.45	34.384	5.40	75	14.45	34.384	5.40	25.63	236	238	0.2337
101	13.99	34.334	5.20	100	14.00	34.335	5.20	25.69	231	233	0.2926
126	14.02	34.348	5.10	125	14.01	34.347	5.10	25.69	230	233	0.3510
135	13.81	34.298	****								

8月(August)

BUSAN 852 , STATION 203-01 , 33-56.6. N, 126-31.4. E, AUG. 21, 1987, 06:20 KST,
 DEPTH 60 , COLOR 3, TRANS. 11.0, WAVE SW 3, SWELL SW 2, WIND SW 5 , BARO 1002. ,
 AIR TEMP. DRY 26.6, WET , CLOUD, TYPE NS, AMT 10, WEATHER C

0	25.00	30.812	4.95	0	25.00	30.812	4.95	20.20	755	754	0.0000
9	24.89	30.824	5.20	10	24.54	30.907	5.21	20.41	735	735	0.0745
20	21.04	31.744	5.37	20	21.04	31.744	5.37	22.03	580	580	0.1402
31	14.28	33.078	5.03	30	14.89	32.956	5.06	24.44	350	350	0.1868
50	13.85	33.903	4.69	50	13.85	33.903	4.69	25.39	259	260	0.2479
55	13.83	33.921	****								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 203-02 , 33-47.5, N, 126-26.3, E, AUG. 21. 1987, 05:50 KST,
 DEPTH 104 , COLOR , TRANS. , WAVE SW 3, SWELL SW 2, WIND SW 5 , BARO 1002. ,
 AIR TEMP. DRY 26.8, WET , CLOUD. TYPE AS, AMT 07, WEATHER BC

0	26.07	31.193	4.96	0	26.07	31.193	4.96	20.16	758	758	0.0000
11	26.07	31.189	5.10	10	26.07	31.189	5.08	20.16	759	759	0.0758
19	20.56	33.125	5.15	20	20.23	33.118	5.11	23.28	460	460	0.1368
30	16.94	33.056	4.80	30	16.94	33.056	4.80	24.05	386	387	0.1792
51	13.76	33.576	4.69	50	13.91	33.551	4.69	25.10	286	287	0.2467
74	13.83	34.024	4.74	75	13.82	34.024	4.73	25.48	250	252	0.3142
101	13.82	34.032	4.64	100	13.82	34.031	4.64	25.49	249	252	0.3772

BUSAN 852 , STATION 203-03 , 33-38.3, N, 126-21.3, E, AUG. 21. 1987, 04:50 KST,
 DEPTH 140 , COLOR , TRANS. , WAVE SW 3, SWELL SW 2, WIND SW 5 , BARO 1003. ,
 AIR TEMP. DRY 27.0, WET , CLOUD. TYPE AS, AMT 07, WEATHER BC

0	26.37	31.104	4.90	0	26.37	31.104	4.90	20.01	774	773	0.0000
9	26.42	31.068	5.00	10	25.83	31.313	5.01	20.33	743	743	0.0758
19	20.52	33.522	5.15	20	20.35	33.532	5.12	23.57	433	433	0.1346
31	18.57	33.651	4.89	30	18.73	33.640	4.91	24.07	385	386	0.1756
50	15.88	34.029	4.59	50	15.88	34.029	4.59	25.04	292	293	0.2436
74	15.20	34.076	4.39	75	15.17	34.075	4.39	25.24	274	275	0.3147
100	14.46	34.054	4.49	100	14.46	34.054	4.49	25.37	260	263	0.3821
126	14.14	34.084	4.29	125	14.15	34.082	4.29	25.46	252	255	0.4470
131	14.12	34.087	****								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

10月(October)

BUSAN 852 , STATION 203-01 , 33-56.6. N, 126-31.4. E, OCT. 22, 1987, 09:00 KST,
 DEPTH 62 , COLOR 3, TRANS. 11.0, WAVE NW 3, SWELL NW 2, WIND NW 4 , BARO 1022. ,
 AIR TEMP. DRY 15.2, WET , CLOUD. TYPE AC, AMT 05, WEATHER BC

0	18.48	32.156	5.35	0	18.48	32.156	5.35	23.00	487	487	0.0000
10	18.34	32.366	5.25	10	18.34	32.366	5.25	23.19	468	468	0.0478
20	17.79	32.493	5.05	20	17.79	32.493	5.05	23.42	446	447	0.0936
30	15.57	32.892	4.85	30	15.57	32.892	4.85	24.24	368	369	0.1344
49	12.83	33.376	4.75	50	12.81	33.378	4.72	25.19	278	279	0.1993
60	12.66	33.407	4.50								

BUSAN 852 , STATION 203-02 , 33-47.5. N, 126-26.3. E, OCT. 22, 1987, 08:00 KST,
 DEPTH 103 , COLOR 3, TRANS. 12.0, WAVE NW 3, SWELL NW 2, WIND NW 4 , BARO 1022. ,
 AIR TEMP. DRY 14.1, WET , CLOUD. TYPE AC, AMT 06, WEATHER BC

0	21.63	32.103	5.20	0	21.63	32.103	5.20	22.14	569	569	0.0000
10	21.73	32.045	5.10	10	21.73	32.045	5.10	22.07	576	576	0.0572
20	22.19	32.014	5.15	20	22.19	32.014	5.15	21.92	590	590	0.1156
30	18.85	32.690	4.65	30	18.85	32.690	4.65	23.31	457	457	0.1680
50	13.82	33.110	4.55	50	13.82	33.110	4.55	24.78	317	318	0.2456
75	12.51	33.506	4.40	75	12.51	33.506	4.40	25.35	263	264	0.3185
100	12.06	33.498	4.20	100	12.06	33.498	4.20	25.43	255	257	0.3839

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 203-03 , 33-38.3. N, 126-21.3. E, OCT.22.1987, 06:50 KST,
 DEPTH 140 , COLOR , TRANS. , WAVE NW 3, SWELL NW 2, WIND NW 4 , BARO 1021.5,
 AIR TEMP. DRY 13.8, WET , CLOUD, TYPE AS, AMT 10, WEATHER C

0	19.47	31.841	5.25	0	19.47	31.841	5.25	22.51	534	533	0.0000
10	21.30	32.010	5.20	10	21.30	32.010	5.20	22.16	567	567	0.0550
20	21.95	32.060	5.05	20	21.95	32.060	5.05	22.02	580	581	0.1125
30	19.77	32.348	4.85	30	19.77	32.348	4.85	22.82	504	505	0.1668
50	15.68	32.660	4.45	50	15.68	32.660	4.45	24.04	388	389	0.2562
75	15.03	33.143	4.05	75	15.03	33.143	4.05	24.55	339	340	0.3475
99	13.82	33.488	4.00	100	13.79	33.501	4.00	25.09	288	290	0.4264
124	13.29	33.827	4.00	125	13.24	33.834	****	25.46	253	255	0.4947
138	12.64	33.936	****								

12月(December)

BUSAN 852 , STATION 203-01 , 33-56.6. N, 126-31.4. E, DEC.14.1987, 08:00 KST,
 DEPTH 60 , COLOR 3, TRANS. 11.0, WAVE NW 4, SWELL NW 2, WIND NW 4 , BARO 1027. ,
 AIR TEMP. DRY 6.5, WET , CLOUD, TYPE AC, AMT 07, WEATHER BC

0	16.45	33.870	5.44	0	16.45	33.870	5.44	24.79	316	316	0.0000
10	16.55	33.884	5.19	10	16.55	33.884	5.19	24.78	317	317	0.0316
20	16.57	33.855	5.04	20	16.57	33.855	5.04	24.75	320	320	0.0635
30	16.56	33.866	4.94	30	16.56	33.866	4.94	24.76	319	319	0.0955
50	16.64	33.891	4.99	50	16.64	33.891	4.99	24.76	319	320	0.1595
58	16.66	****	****								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 203-02 , 33-47.5. N, 126-26.3. E, DEC. 14. 1987, 06:55 KST,
 DEPTH 112 , COLOR , TRANS. , WAVE NW 3, SWELL NW 2, WIND NW 4 , BARO 1026. ,
 AIR TEMP. DRY 7.0, WET , CLOUD. TYPE NS, AMT 10, WEATHER C

0	16.84	34.015	5.34	0	16.84	34.015	5.34	24.81	314	314	0.0000
10	16.93	34.038	5.20	10	16.93	34.038	5.20	24.81	314	314	0.0314
20	16.90	34.048	5.04	20	16.90	34.048	5.04	24.82	313	313	0.0628
30	16.81	34.034	5.09	30	16.81	34.034	5.09	24.83	312	312	0.0942
50	16.82	34.003	4.84	50	16.82	34.003	4.84	24.81	314	316	0.1571
75	16.64	33.948	4.49	75	16.64	33.948	4.49	24.81	314	316	0.2362
100	16.42	34.351	3.79	100	16.42	34.351	3.79	25.17	280	283	0.3112
110	15.48	*****	*****								

BUSAN 852 , STATION 203-03 , 33-38.3. N, 126-21.3. E, DEC. 14. 1987, 05:45 KST,
 DEPTH 123 , COLOR , TRANS. , WAVE NW 4, SWELL NW 3, WIND NW 5 , BARO 1025. ,
 AIR TEMP. DRY 8.3, WET , CLOUD. TYPE NS, AMT 10, WEATHER C

0	18.74	34.116	5.04	0	18.74	34.116	5.04	24.43	351	350	0.0000
10	18.87	34.048	5.34	10	18.87	34.048	5.34	24.34	359	359	0.0354
20	19.57	34.059	4.99	20	19.57	34.059	4.99	24.17	375	375	0.0722
30	19.55	34.052	4.99	30	19.55	34.052	4.99	24.17	375	376	0.1098
50	19.24	34.063	4.94	50	19.24	34.063	4.94	24.26	367	368	0.1842
75	18.87	34.049	4.94	75	18.87	34.049	4.94	24.34	359	361	0.2754
99	15.68	34.300	4.54	100	15.75	34.308	4.51	25.29	269	271	0.3545
121	17.31	34.482	3.99								

313 線 海洋觀測 成績 Oceanographic Data. Line 313

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

2 月(February)

BUSAN	852	, STATION 313-02 , 33-24.4. N, 126-00.0. E, FEB. 14, 1987, 07:50 KST,									
DEPTH	95	, COLOR 4, TRANS. 10.0, WAVE N 4, SWELL N 2, WIND N 5, BARO 1022. ,									
AIR TEMP.	DRY	7.8,	WET	, CLOUD, TYPE AC, AMT 03, WEATHER BC							
0	14.45	34.575	5.82	0	14.45	34.575	5.82	25.78	222	222	0.0000
10	14.47	34.573	5.70	10	14.47	34.573	5.70	25.77	223	223	0.0222
19	14.47	34.572	5.85	20	14.47	34.572	5.83	25.77	223	223	0.0445
31	14.47	34.574	5.70	30	14.47	34.573	5.71	25.77	223	223	0.0669
51	14.46	34.572	5.85	50	14.46	34.572	5.84	25.77	223	224	0.1117
75	14.48	34.575	5.70	75	14.48	34.575	5.70	25.77	223	224	0.1678
93	14.49	34.574	5.60								

BUSAN	852	, STATION 313-03 , 33-24.4. N, 125-48.0. E, FEB. 14, 1987, 06:30 KST,									
DEPTH	94	, COLOR , TRANS. , WAVE N 4, SWELL N 2, WIND N 5, BARO 1020.2,									
AIR TEMP.	DRY	8.8,	WET	, CLOUD, TYPE AS, AMT 08, WEATHER C							
0	14.33	34.477	5.80	0	14.33	34.477	5.80	25.73	227	227	0.0000
9	14.25	34.486	5.80	10	14.25	34.486	5.79	25.75	225	225	0.0226
20	14.25	34.486	5.70	20	14.25	34.486	5.70	25.75	225	225	0.0451
30	14.25	34.487	5.87	30	14.25	34.487	5.87	25.75	224	225	0.0676
49	14.26	34.486	5.85	50	14.26	34.486	5.84	25.75	225	226	0.1128
73	14.26	34.487	5.75	75	14.26	34.486	5.74	25.75	225	226	0.1694
90	14.26	34.485	5.72								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	O2	DEPTH	TEMP	SAL	O2	SIGMA-T	D-T	SVA	D-DY
BUSAN	852	STATION 313-04 , 33-24.4. N, 125-36.0. E, FEB. 14, 1987, 05:10 KST,									
DEPTH	100	COLOR	TRANS.	, WAVE N 4, SWELL N 2, WIND N 6 , BARO 1020.2,							
AIR TEMP.	DRY	8.4,	WET	, CLOUD. TYPE AS, AMT 09, WEATHER C							
0	14.22	34.447	5.85	0	14.22	34.447	5.85	25.73	227	226	0.0000
9	14.22	34.448	5.90	10	14.22	34.448	5.89	25.73	227	227	0.0227
19	14.23	34.448	5.80	20	14.23	34.447	5.80	25.73	227	227	0.0454
29	14.23	34.447	5.82	30	14.23	34.447	5.81	25.73	227	228	0.0682
50	14.23	34.448	5.75	50	14.23	34.448	5.75	25.73	227	228	0.1138
75	14.23	34.448	5.85	75	14.23	34.448	5.85	25.73	227	229	0.1710
96	14.25	34.450	5.82								
BUSAN	852	STATION 313-05 , 33-24.4. N, 125-24.0. E, FEB. 14, 1987, 03:55 KST,									
DEPTH	86	COLOR	TRANS.	, WAVE N 3, SWELL N 1, WIND N 5 , BARO 1020. ,							
AIR TEMP.	DRY	9.8,	WET	, CLOUD. TYPE AS, AMT 06, WEATHER BC							
0	14.18	34.414	5.75	0	14.18	34.414	5.75	25.71	228	228	0.0000
10	14.18	34.415	5.95	10	14.18	34.415	5.95	25.71	228	228	0.0228
21	14.18	34.414	5.75	20	14.18	34.414	5.76	25.71	228	229	0.0457
31	14.19	34.416	5.98	30	14.18	34.415	5.95	25.71	228	229	0.0686
49	14.19	34.417	5.80	50	14.19	34.417	5.80	25.71	228	229	0.1146
76	14.20	34.417	5.82	75	14.19	34.417	5.81	25.71	229	230	0.1722
80	14.21	34.418	*****								
BUSAN	852	STATION 313-06 , 33-24.4. N, 125-12.0. E, FEB. 14, 1987, 02:45 KST,									
DEPTH	89	COLOR	TRANS.	, WAVE NNW 3, SWELL NNW 1, WIND NNW 5 , BARO 1019.5,							
AIR TEMP.	DRY	10.4,	WET	, CLOUD. TYPE AS, AMT 09, WEATHER C							
0	14.20	34.403	5.90	0	14.20	34.403	5.90	25.70	230	229	0.0000
9	14.20	34.405	5.95	10	14.20	34.404	5.95	25.70	229	229	0.0229

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
21	14.21	34.404	5.95	20	14.20	34.404	5.95	25.70	230	230	0.0460
29	14.21	34.404	5.80	30	14.21	34.404	5.80	25.70	230	230	0.0690
51	14.22	34.405	5.90	50	14.21	34.404	5.89	25.70	230	231	0.1152
74	14.22	34.404	5.80	75	14.22	34.404	5.80	25.69	230	232	0.1732
86	14.22	34.404	5.85								

BUSAN 852 , STATION 313-07 , 33-24.4. N, 125-00.0. E, FEB. 14. 1987, 01:30 KST,
 DEPTH 89 , COLOR , TRANS. , WAVE NW 3, SWELL NW 1, WIND NW 5 , BARO 1019.4,
 AIR TEMP. DRY 10.6, WET , CLOUD, TYPE AS, AMT 10, WEATHER C

0	14.29	34.413	5.95	0	14.29	34.413	5.95	25.69	231	230	0.0000
11	14.29	34.415	5.88	10	14.29	34.414	5.88	25.69	231	231	0.0230
19	14.30	34.414	5.75	20	14.30	34.414	5.75	25.69	231	231	0.0462
31	14.30	34.414	5.82	30	14.30	34.414	5.81	25.69	231	231	0.0693
50	14.31	34.413	5.75	50	14.31	34.413	5.75	25.68	231	232	0.1158
74	14.32	34.414	5.75	75	14.32	34.414	5.75	25.68	231	233	0.1741
86	14.32	34.415	5.75								

BUSAN 852 , STATION 313 08 , 33-24.4. N, 124-48.0. E, FEB. 14. 1987, 00:15 KST,
 DEPTH 82 , COLOR , TRANS. , WAVE NW 3, SWELL NW 1, WIND NW 5 , BARO 1018.9,
 AIR TEMP. DRY 10.6, WET , CLOUD, TYPE AS, AMT 09, WEATHER C

0	14.19	34.386	5.92	0	14.19	34.386	5.92	25.69	231	230	0.0000
11	14.19	34.389	5.80	10	14.19	34.388	5.81	25.69	230	230	0.0230
19	14.20	34.393	5.85	20	14.20	34.392	5.85	25.69	230	231	0.0461
29	14.20	34.389	5.90	30	14.20	34.389	5.89	25.69	231	231	0.0693
51	14.21	34.390	5.85	50	14.20	34.389	5.85	25.69	231	232	0.1157
76	14.21	34.390	5.80	75	14.21	34.390	5.80	25.69	231	232	0.1738

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA T	D-T	SVA	D-DY

BUSAN 852 , STATION 313-09 , 33-24.4. N, 124-36.0. E, FEB. 13, 1987, 23:05 KST,
 DEPTH 72 , COLOR , TRANS. , WAVE WNW 3, SWELL WNW 1, WIND WNW 5 , BARO 1018.5,
 AIR TEMP. DRY 10.5, WET , CLOUD. TYPE AS, AMT 10, WEATHER C
 0 13.94 34.273 5.98 0 13.94 34.273 5.98 25.65 234 234 0.0000
 10 13.95 34.355 5.90 10 13.95 34.355 5.90 25.71 228 228 0.0231
 21 13.96 34.352 5.90 20 13.95 34.352 5.90 25.71 229 229 0.0460
 31 13.97 34.350 5.85 30 13.96 34.350 5.85 25.71 229 229 0.0689
 51 13.96 34.351 5.80 50 13.96 34.350 5.80 25.71 229 230 0.1149
 67 13.96 34.351 5.83

BUSAN 852 , STATION 313-10 , 33-24.4. N, 124-24.0. E, FEB. 13, 1987, 21:55 KST,
 DEPTH 83 , COLOR , TRANS. , WAVE W 3, SWELL W 1, WIND W 5 , BARO 1017.8,
 AIR TEMP. DRY 10.2, WET , CLOUD. TYPE AS, AMT 10, WEATHER C
 0 13.06 34.236 6.00 0 13.06 34.236 6.00 25.80 220 219 0.0000
 10 13.07 34.237 5.90 10 13.07 34.237 5.90 25.80 220 220 0.0219
 21 13.07 34.236 5.90 20 13.07 34.236 5.90 25.80 220 220 0.0440
 30 13.08 34.238 5.98 30 13.08 34.238 5.98 25.80 220 220 0.0660
 49 13.08 34.237 6.07 50 13.07 34.236 6.06 25.80 220 221 0.1102
 76 13.05 34.231 5.95 75 13.05 34.231 5.95 25.80 220 221 0.1656

4 月(April)

BUSAN 852 , STATION 313-02 , 33-24.4. N, 126-00.0. E, APR. 9, 1987, 06:15 KST,
 DEPTH 90 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 2 , BARO 1009. ,
 AIR TEMP. DRY 14.6, WET , CLOUD. TYPE NS, AMT 10, WEATHER C
 0 14.42 34.446 5.80 0 14.42 34.446 5.80 25.68 231 231 0.0000
 10 14.40 34.450 5.70 10 14.40 34.450 5.70 25.69 230 230 0.0230

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

21	14.20	34.451	5.70	20	14.21	34.450	5.70	25.73	226	227	0.0459
29	14.19	34.454	5.80	30	14.18	34.454	5.79	25.74	226	226	0.0686
50	14.18	34.467	5.60	50	14.18	34.467	5.60	25.75	225	226	0.1139
75	14.19	34.475	5.60	75	14.19	34.475	5.60	25.76	224	226	0.1705
86	14.19	34.475	5.50								

BUSAN 852 , STATION 313-03 , 33-24.4. N. 125-48.0. E. APR. 9. 1987, 05:05 KST,
 DEPTH 97 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 2 , BARO 1009.5,
 AIR TEMP. DRY 14.8, WET , CLOUD. TYPE AS, AMT 09, WEATHER C

0	14.34	34.507	5.75	0	14.34	34.507	5.75	25.75	225	225	0.0000
10	14.28	34.520	5.75	10	14.28	34.520	5.75	25.77	223	223	0.0224
21	14.08	34.520	5.75	20	14.09	34.520	5.75	25.81	219	219	0.0445
30	14.05	34.518	5.70	30	14.05	34.518	5.70	25.82	218	219	0.0664
51	14.02	34.516	5.60	50	14.02	34.516	5.60	25.82	218	219	0.1103
76	13.84	34.485	5.55	75	13.84	34.486	5.55	25.84	216	218	0.1650
94	13.81	34.482	5.50								

BUSAN 852 , STATION 313-04 , 33-24.4. N. 125-36.0. E. APR. 9. 1987, 04:00 KST,
 DEPTH 97 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 2 , BARO 1009.5,
 AIR TEMP. DRY 14.2, WET , CLOUD. TYPE NS, AMT 10, WEATHER C

0	14.02	34.441	5.85	0	14.02	34.441	5.85	25.77	223	223	0.0000
11	13.63	34.342	5.70	10	13.66	34.351	5.71	25.77	223	223	0.0223
19	13.19	34.283	5.70	20	13.19	34.285	5.70	25.81	218	219	0.0444
30	13.22	34.306	5.80	30	13.22	34.306	5.80	25.83	217	218	0.0663
49	13.29	34.339	5.70	50	13.29	34.340	5.69	25.84	216	217	0.1099
76	13.43	34.390	5.65	75	13.42	34.388	5.65	25.85	215	217	0.1643
95	13.48	34.404	5.70								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 313-05 , 33-24.4. N, 125-24.0. E, APR. 9. 1987, 02:40 KST,
 DEPTH 93 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 2 , BARO 1009.5,
 AIR TEMP. DRY 13.8, WET , CLOUD, TYPE NS, AMT 10, WEATHER C

0	13.06	34.145	5.80	0	13.06	34.145	5.80	25.73	226	226	0.0000
10	13.02	34.139	5.75	10	13.02	34.139	5.75	25.74	226	226	0.0226
20	12.68	34.085	5.90	20	12.68	34.085	5.90	25.76	224	224	0.0451
29	12.41	34.077	5.85	30	12.40	34.077	5.84	25.81	219	219	0.0673
51	12.38	34.077	5.80	50	12.38	34.077	5.80	25.81	219	219	0.1113
75	12.21	34.073	5.95	75	12.21	34.073	5.95	25.84	216	217	0.1660
89	12.16	34.077	5.80								

BUSAN 852 , STATION 313-06 , 33-24.4. N, 125-12.0. E, APR. 9. 1987, 01:20 KST,
 DEPTH 85 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 2 , BARO 1011. ,
 AIR TEMP. DRY 13.6, WET , CLOUD, TYPE AS, AMT 10, WEATHER C

0	12.87	34.096	5.90	0	12.87	34.096	5.90	25.73	226	226	0.0000
9	12.66	34.069	6.00	10	12.64	34.068	5.99	25.76	224	224	0.0225
19	12.46	34.063	5.95	20	12.45	34.062	5.93	25.79	221	221	0.0448
29	12.44	34.062	5.80	30	12.44	34.062	5.79	25.79	221	221	0.0670
50	12.45	34.082	5.70	50	12.45	34.082	5.70	25.80	219	220	0.1112
76	12.15	34.052	5.85	75	12.16	34.053	5.84	25.84	216	218	0.1661
81	12.15	34.053	*****								

BUSAN 852 , STATION 313-07 , 33-24.4. N, 125-00.0. E, APR. 9. 1987, 00:10 KST,
 DEPTH 82 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 2 , BARO 1011.5,
 AIR TEMP. DRY 13.2, WET , CLOUD, TYPE AS, AMT 10, WEATHER C

0	11.81	33.758	5.70	0	11.81	33.758	5.70	25.68	232	231	0.0000
11	11.62	33.903	5.95	10	11.63	33.889	5.92	25.81	219	219	0.0225

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
20	12.13	34.149	5.95	20	12.13	34.149	5.95	25.92	209	209	0.0439
29	12.17	34.187	5.90	30	12.16	34.189	5.90	25.94	206	207	0.0648
51	12.04	34.236	5.90	50	12.04	34.233	5.90	26.00	201	202	0.1057
75	12.11	34.354	5.90	75	12.11	34.354	5.90	26.08	193	195	0.1554

BUSAN 852 , STATION 313-08 , 33-24.4, N, 124-48.0, E, APR. 8.1987, 23:00 KST,
 DEPTH 78 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 2 , BARO 1011.5,
 AIR TEMP. DRY 13.2, WET , CLOUD, TYPE AS, AMT 10, WEATHER C

0	12.32	34.083	5.90	0	12.32	34.083	5.90	25.83	217	217	0.0000
11	12.07	34.170	6.05	10	12.09	34.162	6.03	25.94	207	207	0.0212
20	11.97	34.198	5.80	20	11.97	34.198	5.80	25.99	202	202	0.0417
30	12.01	34.221	5.90	30	12.01	34.221	5.90	26.00	201	202	0.0619
50	12.04	34.263	5.90	50	12.04	34.263	5.90	26.02	199	200	0.1022
75	12.05	34.294	5.90	75	12.05	34.294	5.90	26.05	197	198	0.1520

BUSAN 852 , STATION 313-09 , 33-24.4, N, 124-36.0, E, APR. 8.1987, 21:50 KST,
 DEPTH 83 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 2 , BARO 1011.5,
 AIR TEMP. DRY 12.5, WET , CLOUD, TYPE AS, AMT 10, WEATHER C

0	12.02	34.091	6.05	0	12.02	34.091	6.05	25.89	211	211	0.0000
10	11.90	34.082	5.95	10	11.90	34.082	5.95	25.91	209	209	0.0210
19	11.60	34.082	6.00	20	11.59	34.082	5.99	25.97	204	204	0.0417
29	11.59	34.087	5.90	30	11.59	34.090	5.90	25.97	203	204	0.0622
50	11.62	34.151	5.90	50	11.62	34.151	5.90	26.02	199	200	0.1027
76	11.61	34.180	5.85	75	11.61	34.178	5.85	26.04	197	199	0.1527
81	11.61	34.181	*****								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D T	SVA	D-DY

BUSAN 852 , STATION 313-10 , 33-24.4. N. 124-24.0. E. APR. 8. 1987, 20:40 KST,
 DEPTH 80 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 2 , BARO 1012. ,
 AIR TEMP. DRY , WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	11.58	33.957	5.90	0	11.58	33.957	5.90	25.87	213	213	0.0000
10	11.30	33.989	5.95	10	11.30	33.989	5.95	25.95	206	206	0.0209
20	11.39	34.040	6.10	20	11.39	34.040	6.10	25.97	204	204	0.0414
30	11.49	34.084	6.10	30	11.49	34.084	6.10	25.99	202	202	0.0618
50	11.63	34.260	5.95	50	11.63	34.260	5.95	26.10	192	192	0.1014
76	11.69	34.287	5.95	75	11.68	34.285	5.95	26.11	191	192	0.1496

6月(June)

BUSAN 852 , STATION 313-02 , 33-24.4. N. 126-00.0. E. JUN. 14. 1987, 08:00 KST,
 DEPTH 95 , COLOR 3, TRANS. 14.0, WAVE NE 4, SWELL NE 3, WIND NE 6 , BARO 1001. 4,
 AIR TEMP. DRY 18.2, WET , CLOUD. TYPE NS, AMT 10, WEATHER R

0	19.68	32.812	5.40	0	19.68	32.812	5.40	23.19	468	468	0.0000
9	19.66	32.826	5.55	10	19.52	32.849	5.56	23.26	462	462	0.0465
21	18.02	33.105	5.75	20	18.15	33.081	5.73	23.78	412	412	0.0902
30	15.97	33.659	5.75	30	15.97	33.659	5.75	24.74	321	321	0.1269
50	14.55	34.255	5.30	50	14.55	34.255	5.30	25.51	248	249	0.1840
76	14.31	34.381	5.05	75	14.31	34.376	5.05	25.65	234	236	0.2447
93	14.32	34.378	4.95								

BUSAN 852 , STATION 313-03 , 33-24.4. N. 125-48.0. E. JUN. 14. 1987, 06:35 KST,
 DEPTH 102 , COLOR 3, TRANS. 14.0, WAVE NE 4, SWELL NE 3, WIND NE 6 , BARO 1001. ,
 AIR TEMP. DRY 18.2, WET , CLOUD. TYPE NS, AMT 10, WEATHER R

0	19.22	32.519	5.45	0	19.22	32.519	5.45	23.09	478	478	0.0000
10	19.23	32.520	6.00	10	19.23	32.520	6.00	23.09	478	478	0.0478

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
20	16.38	32.865	6.20	20	16.38	32.865	6.20	24.04	388	388	0.0912
30	14.00	33.121	6.00	30	14.00	33.121	6.00	24.75	320	320	0.1266
51	14.44	34.385	5.40	50	14.41	34.324	5.42	25.59	240	241	0.1828
75	14.46	34.389	5.00	75	14.46	34.389	5.00	25.63	236	238	0.2427
100	14.47	34.396	4.95	100	14.47	34.396	4.95	25.64	236	238	0.3023

BUSAN 852 , STATION 313-04 , 33-24.4. N. 125-36.0. E. JUN. 14. 1987, 05:10 KST,
 DEPTH 89 , COLOR , TRANS. , WAVE NE 4, SWELL NE 3, WIND NE 6 , BARO 1001.5,
 AIR TEMP. DRY 18.0, WET , CLOUD, TYPE NS, AMT 10, WEATHER R

0	19.12	32.364	5.55	0	19.12	32.364	5.55	23.00	487	487	0.0000
10	19.09	32.382	5.55	10	19.09	32.382	5.55	23.02	485	485	0.0486
19	15.81	32.705	5.95	20	15.77	32.817	5.93	24.14	378	378	0.0918
30	15.44	33.946	5.75	30	15.44	33.946	5.75	25.08	289	289	0.1252
51	14.22	34.302	5.40	50	14.27	34.285	5.41	25.59	240	241	0.1783
76	14.25	34.314	5.30	75	14.24	34.313	5.30	25.62	237	239	0.2384
87	14.25	34.317	****								

BUSAN 852 , STATION 313-05 , 33-24.4. N. 125-24.0. E. JUN. 14. 1987, 03:30 KST,
 DEPTH 83 , COLOR , TRANS. , WAVE NE 3, SWELL NE 2, WIND NE 5 , BARO 1001.5,
 AIR TEMP. DRY 18.3, WET , CLOUD, TYPE NS, AMT 10, WEATHER R

0	19.19	32.167	5.55	0	19.19	32.167	5.55	22.83	503	503	0.0000
10	17.93	32.322	5.75	10	17.93	32.322	5.75	23.26	462	462	0.0482
19	14.02	33.006	6.10	20	13.98	33.093	6.06	24.73	321	321	0.0875
31	13.60	34.061	5.70	30	13.63	33.973	5.73	25.48	250	250	0.1161
49	13.59	34.074	5.35	50	13.58	34.073	5.34	25.57	242	243	0.1655
76	13.57	34.068	5.30	75	13.57	34.068	5.30	25.57	242	243	0.2264
81	13.57	34.066	****								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 313-06 , 33-24.4. N, 125-12.0. E, JUN. 14, 1987, 02:20 KST,
 DEPTH 85 , COLOR , TRANS. , WAVE NE 3, SWELL NE 2, WIND NE 5 , BARO 1001. ,
 AIR TEMP. DRY 18.6, WET , CLOUD. TYPE NS, AMT 10, WEATHER R

0	19.15	32.194	5.60	0	19.15	32.194	5.60	22.86	500	500	0.0000
11	19.14	32.199	5.70	10	19.14	32.198	5.69	22.87	500	500	0.0500
20	16.03	32.327	6.15	20	16.03	32.327	6.15	23.70	419	420	0.0960
30	12.67	33.491	6.05	30	12.67	33.491	6.05	25.30	267	267	0.1304
49	13.32	33.976	5.75	50	13.31	33.975	5.73	25.55	244	245	0.1817
75	13.31	33.972	5.35	75	13.31	33.972	5.35	25.55	244	245	0.2430
83	13.31	33.976	*****								

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 BUSAN 852 , STATION 313-07 , 33-24.4. N, 125-00.0. E, JUN. 14, 1987, 01:05 KST,
 DEPTH 80 , COLOR , TRANS. , WAVE NE 3, SWELL NE 2, WIND NE 5 , BARO 1001.5,
 AIR TEMP. DRY 18.6, WET , CLOUD. TYPE NS, AMT 10, WEATHER R

0	19.02	31.687	5.50	0	19.02	31.687	5.50	22.51	534	534	0.0000
10	18.01	32.041	5.75	10	18.01	32.041	5.75	23.02	484	484	0.0509
20	15.37	32.245	6.20	20	15.37	32.245	6.20	23.79	412	412	0.0958
30	13.08	33.885	5.85	30	13.08	33.885	5.85	25.53	246	246	0.1287
51	13.03	33.883	5.45	50	13.03	33.883	5.46	25.54	246	246	0.1780
75	13.05	33.889	5.35	75	13.05	33.889	5.35	25.54	246	246	0.2397

BUSAN 852 , STATION 313-08 , 33-24.4. N, 124-48.0. E, JUN. 13, 1987, 23:55 KST,
 DEPTH 78 , COLOR , TRANS. , WAVE NE 3, SWELL NE 2, WIND NE 5 , BARO 1002. ,
 AIR TEMP. DRY 18.8, WET , CLOUD. TYPE NS, AMT 10, WEATHER R

0	19.27	31.605	5.50	0	19.27	31.605	5.50	22.38	546	546	0.0000
10	19.19	31.833	5.60	10	19.19	31.833	5.60	22.58	527	527	0.0536

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

20	14.97	32.527	6.15	20	14.97	32.527	6.15	24.09	383	383	0.0992
29	13.01	33.849	5.85	30	13.00	33.848	5.84	25.52	247	247	0.1308
51	12.92	33.847	5.65	50	12.92	33.847	5.65	25.53	246	246	0.1803
75	12.87	33.832	5.55	75	12.87	33.832	5.55	25.53	246	247	0.2421

BUSAN 852 , STATION 313-09 , 33-24.4. N, 124-36.0. E, JUN. 13, 1987, 22:40 KST,
 DEPTH 80 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 4 , BARO 1002. ,
 AIR TEMP. DRY 18.9, WET , CLOUD. TYPE NS, AMT 10, WEATHER R

0	19.50	30.712	5.60	0	19.50	30.712	5.60	21.65	616	616	0.0000
11	18.13	31.831	5.75	10	18.25	31.729	5.73	22.73	513	513	0.0564
21	13.25	32.550	6.15	20	13.73	32.478	6.11	24.31	362	362	0.1002
29	12.52	33.628	6.07	30	12.52	33.634	6.06	25.44	254	254	0.1311
50	12.69	33.768	5.97	50	12.69	33.768	5.97	25.52	247	248	0.1814
75	12.70	33.778	5.60	75	12.70	33.778	5.60	25.52	246	248	0.2435

BUSAN 852 , STATION 313-10 , 33-24.4. N, 124-24.0. E, JUN. 13, 1987, 21:30 KST,
 DEPTH 75 , COLOR , TRANS. , WAVE SE 2, SWELL SE 1, WIND SE 3 , BARO 1002. ,
 AIR TEMP. DRY 19.2, WET , CLOUD. TYPE NS, AMT 10, WEATHER R

0	19.31	30.393	5.50	0	19.31	30.393	5.50	21.45	635	635	0.0000
11	16.70	31.367	5.88	10	16.93	31.278	5.84	22.70	516	516	0.0575
20	11.15	33.102	6.00	20	11.15	33.102	6.00	25.29	269	269	0.0968
30	10.62	33.117	5.90	30	10.62	33.117	5.90	25.39	259	259	0.1232
49	10.68	33.159	5.85	50	10.68	33.159	5.84	25.42	256	257	0.1749
73	10.71	33.176	5.65								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D T	SVA	D-DY

8月(August)

BUSAN 852 , STATION 313-02 , 33-24.4. N, 126-00.0. E, AUG. 21. 1987, 03:05 KST,
 DEPTH 84 , COLOR , TRANS. , WAVE SW 3, SWELL SW 2, WIND SW 5 , BARO 1003. ,
 AIR TEMP. DRY 27.0, WET , CLOUD. TYPE 01, AMT 04, WEATHER BC

0	26.68	30.983	4.80	0	26.68	30.983	4.80	19.82	792	791	0.0000
10	23.48	32.238	4.90	10	23.48	32.238	4.90	21.72	609	609	0.0700
19	21.01	33.171	4.64	20	20.85	33.191	4.62	23.17	470	470	0.1240
31	19.14	33.413	4.48	30	19.29	33.392	4.49	23.74	417	417	0.1685
51	16.85	33.857	4.13	50	16.96	33.834	4.14	24.64	330	331	0.2434
75	15.66	34.100	4.13	75	15.66	34.100	4.13	25.15	282	284	0.3204
77	15.63	34.128	****								

BUSAN 852 , STATION 313-03 , 33-24.4. N, 125-48.0. E, AUG. 21. 1987, 02:05 KST,
 DEPTH 95 , COLOR , TRANS. , WAVE SW 3, SWELL SW 2, WIND SW 5 , BARO 1003. ,
 AIR TEMP. DRY 27.0, WET , CLOUD. TYPE 01, AMT 04, WEATHER BC

0	26.46	30.812	4.80	0	26.46	30.812	4.80	19.76	797	797	0.0000
9	26.47	30.803	5.95	10	25.91	30.897	5.02	19.99	775	775	0.0786
20	20.40	31.844	4.74	20	20.40	31.844	4.74	22.27	556	557	0.1453
31	18.24	33.468	4.65	30	18.43	33.320	4.65	23.90	401	402	0.1932
50	14.77	33.682	4.59	50	14.77	33.682	4.59	25.02	294	295	0.2630
76	14.33	34.017	4.39	75	14.34	34.004	4.39	25.36	262	263	0.3329
90	14.31	34.041	4.23								

BUSAN 852 , STATION 313-04 , 33-24.4. N, 125-36.0. E, AUG. 21. 1987, 01:05 KST,
 DEPTH 85 , COLOR , TRANS. , WAVE SW 3, SWELL SW 2, WIND SW 4 , BARO 1003. ,
 AIR TEMP. DRY 26.7, WET , CLOUD. TYPE 01, AMT 04, WEATHER BC

0	26.57	30.525	4.95	0	26.57	30.525	4.95	19.51	821	821	0.0000
11	23.98	31.630	5.47	10	24.21	30.984	5.42	20.56	720	720	0.0771

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

19	16.25	32.489	4.90	20	16.20	32.561	4.87	23.84	406	406	0.1334
30	15.74	33.285	4.64	30	15.74	33.285	4.64	24.50	343	344	0.1710
51	14.06	33.949	4.63	50	14.14	33.917	4.63	25.34	264	265	0.2320
74	14.01	34.018	4.54								

BUSAN 852 , STATION 313-05 , 33-24.4. N. 125-24.0. E. AUG. 21. 1987. 00:05 KST,
 DEPTH 85 , COLOR , TRANS. , WAVE SW 3, SWELL SW 2, WIND SW 5 , BARO 1003. ,
 AIR TEMP. DRY 26.8, WET , CLOUD, TYPE CI, AMT 04, WEATHER BC

0	26.15	30.639	4.80	0	26.15	30.639	4.80	19.72	801	800	0.0000
11	26.04	30.665	5.50	10	26.05	30.662	5.43	19.77	796	796	0.0798
20	15.41	32.656	5.22	20	15.41	32.656	5.22	24.09	382	383	0.1388
31	13.69	32.906	4.91	30	13.84	32.883	4.93	24.60	334	334	0.1747
49	13.31	33.880	4.74	50	13.31	33.879	4.73	25.48	251	251	0.2334
75	13.31	33.869	4.59	75	13.31	33.869	4.59	25.47	251	253	0.2966

BUSAN 852 , STATION 313-06 , 33-24.4. N. 125-12.0. E. AUG. 20. 1987. 23:05 KST,
 DEPTH 82 , COLOR , TRANS. , WAVE SW 3, SWELL SW 2, WIND SW 5 , BARO 1003. ,
 AIR TEMP. DRY 26.7, WET , CLOUD, TYPE CI, AMT 04, WEATHER BC

0	26.30	30.386	4.95	0	26.30	30.386	4.95	19.49	823	823	0.0000
11	26.11	30.464	5.36	10	26.12	30.456	5.32	19.59	813	813	0.0818
21	13.65	32.908	5.42	20	14.89	32.663	5.41	24.21	371	371	0.1411
30	13.31	33.788	5.04	30	13.31	33.788	5.04	25.41	257	258	0.1726
50	13.36	33.886	4.74	50	13.36	33.886	4.74	25.47	251	252	0.2237
75	13.36	33.894	4.59	75	13.36	33.894	4.59	25.48	250	252	0.2868

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 313-07 , 33-24.4. N, 125-00.0. E, AUG.20.1987, 22:05 KST,
 DEPTH 78 , COLOR , TRANS. , WAVE SW 3, SWELL SW 2, WIND SW 5 , BARO 1003. ,
 AIR TEMP. DRY 26.2, WET , CLOUD, TYPE AS, AMT 04, WEATHER BC

0	26.84	30.021	4.89	0	26.84	30.021	4.89	19.05	866	866	0.0000
11	26.20	30.107	5.27	10	26.25	30.099	5.23	19.29	843	843	0.0854
20	14.14	32.368	5.42	20	14.14	32.368	5.42	24.14	378	378	0.1465
31	12.16	33.476	4.85	30	12.34	33.375	4.90	25.28	269	270	0.1789
49	12.31	33.628	4.69	50	12.30	33.628	4.68	25.48	250	251	0.2311
75	12.23	33.647	4.60	75	12.23	33.647	4.60	25.51	247	249	0.2937

BUSAN 852 , STATION 313-08 , 33-24.4. N, 124-48.0. E, AUG.20.1987, 21:05 KST,
 DEPTH 75 , COLOR , TRANS. , WAVE SW 3, SWELL SW 2, WIND SW 5 , BARO 1002. ,
 AIR TEMP. DRY 26.0, WET , CLOUD, TYPE AS, AMT 04, WEATHER BC

0	25.87	30.655	4.88	0	25.87	30.655	4.88	19.82	791	791	0.0000
10	25.86	30.609	5.18	10	25.86	30.609	5.18	19.79	794	794	0.0793
19	17.72	31.633	5.40	20	17.19	31.756	5.36	23.00	487	487	0.1434
29	12.43	32.870	5.04	30	12.46	32.915	5.02	24.90	306	306	0.1831
50	13.09	33.818	4.63	50	13.09	33.818	4.63	25.47	251	252	0.2389
69	13.13	33.860	4.68								

BUSAN 852 , STATION 313-09 , 33-24.4. N, 124-36.0. E, AUG.20.1987, 20:05 KST,
 DEPTH 84 , COLOR , TRANS. , WAVE SW 3, SWELL SW 2, WIND SW 5 , BARO 1002. ,
 AIR TEMP. DRY 25.6, WET , CLOUD, TYPE AS, AMT 06, WEATHER BC

0	26.13	30.962	4.94	0	26.13	30.962	4.94	19.97	777	777	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
11	23.55	31.119	5.04	10	23.78	31.104	5.03	20.78	699	699	0.0738
19	16.22	31.478	5.37	20	15.89	31.610	5.32	23.19	469	469	0.1323
31	12.28	33.073	4.83	30	12.60	32.940	4.87	24.89	306	307	0.1711
50	12.94	33.510	4.58	50	12.94	33.510	4.58	25.27	271	272	0.2290
74	10.55	33.417	4.54								

BUSAN 852 , STATION 313-10 , 33-24.4. N, 124-24.0. E, AUG.20.1987, 19:05 KST,
 DEPTH 75 , COLOR , TRANS. , WAVE SW 3, SWELL SW 2, WIND SW 4 , BARO 1002. ,
 AIR TEMP. DRY 25.8, WET , CLOUD, TYPE NS, AMT 10, WEATHER C

0	27.41	29.975	4.78	0	27.41	29.975	4.78	18.83	887	886	0.0000
9	27.83	29.708	5.08	10	27.10	29.827	5.11	18.82	888	888	0.0887
20	19.81	31.025	5.49	20	19.81	31.025	5.49	21.80	601	601	0.1632
30	11.26	33.206	5.24	30	11.26	33.206	5.24	25.35	263	263	0.2065
50	10.23	33.672	4.83	50	10.23	33.672	4.83	25.89	211	212	0.2541
70	10.24	33.675	4.73								

10月(October)

BUSAN 852 , STATION 313-02 , 33-24.4. N, 126-00.0. E, OCT.22.1987, 04:30 KST,
 DEPTH 92 , COLOR , TRANS. , WAVE NW 4, SWELL NW 2, WIND NW 5 , BARO 1021. ,
 AIR TEMP. DRY 14.0, WET , CLOUD, TYPE NS, AMT 10, WEATHER R

0	19.11	31.868	5.20	0	19.11	31.868	5.20	22.62	523	523	0.0000
11	19.32	31.738	5.15	10	19.30	31.749	5.15	22.48	536	536	0.0529
20	19.28	31.807	5.05	20	19.28	31.807	5.05	22.53	531	532	0.1064
31	19.26	31.862	4.90	30	19.26	31.857	4.91	22.58	527	528	0.1594
50	14.20	33.019	4.75	50	14.20	33.019	4.75	24.63	331	332	0.2455
75	13.49	33.696	4.30	75	13.49	33.696	4.30	25.30	267	269	0.3207
90	13.31	33.672	4.10								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 313-03 , 33-24.4. N, 125-48.0. E, OCT. 22, 1987, 03:30 KST,
 DEPTH 98 , COLOR , TRANS. , WAVE NW 4, SWELL NW 2, WIND NW 5 , BARO 1021. ,
 AIR TEMP. DRY 13.3, WET , CLOUD. TYPE NS, AMT 10, WEATHER R

0	19.60	31.659	5.15	0	19.60	31.659	5.15	22.34	550	550	0.0000
10	19.70	31.682	5.30	10	19.70	31.682	5.30	22.33	551	551	0.0550
20	19.71	31.688	4.80	20	19.71	31.688	4.80	22.33	550	551	0.1101
30	19.74	31.707	4.75	30	19.74	31.707	4.75	22.34	550	550	0.1652
50	17.06	32.580	4.55	50	17.06	32.580	4.55	23.66	424	425	0.2628
75	11.10	33.480	4.55	75	11.10	33.480	4.55	25.59	240	241	0.3462
96	10.91	33.507	4.55								

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BUSAN 852 , STATION 313-04 , 33-24.4. N, 125-36.0. E, OCT. 22, 1987, 02:30 KST,
 DEPTH 90 , COLOR , TRANS. , WAVE NW 4, SWELL NW 2, WIND NW 5 , BARO 1021. ,
 AIR TEMP. DRY 14.0, WET , CLOUD. TYPE NS, AMT 10, WEATHER C

0	20.16	31.596	5.15	0	20.16	31.596	5.15	22.15	568	568	0.0000
10	20.41	31.574	5.00	10	20.41	31.574	5.00	22.07	576	576	0.0572
21	20.31	31.653	4.70	20	20.31	31.645	4.72	22.14	569	569	0.1145
29	18.63	31.667	4.60	30	18.35	31.711	4.59	22.69	516	517	0.1688
49	13.05	32.565	4.50	50	12.97	32.597	4.49	24.56	338	339	0.2545
74	11.16	33.375	4.45	75	11.15	33.381	****	25.50	248	249	0.3282
88	11.06	33.465	****								

BUSAN 852 , STATION 313-05 , 33-24.4. N, 125-24.0. E, OCT. 22, 1987, 01:05 KST,
 DEPTH 85 , COLOR , TRANS. , WAVE NW 4, SWELL NW 2, WIND NW 5 , BARO 1021.5,
 AIR TEMP. DRY 14.0, WET , CLOUD. TYPE NS, AMT 10, WEATHER C

0	19.98	31.675	5.15	0	19.98	31.675	5.15	22.25	558	558	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
11	20.01	31.642	5.35	10	20.00	31.645	5.33	22.22	561	561	0.0559
20	20.00	31.675	4.70	20	20.00	31.675	4.70	22.25	559	559	0.1120
30	20.27	31.849	4.30	30	20.27	31.849	4.30	22.31	553	553	0.1676
50	15.56	33.553	4.15	50	15.56	33.553	4.15	24.75	320	321	0.2551
75	12.22	33.406	4.10	75	12.22	33.406	4.10	25.33	265	266	0.3287
83	12.09	33.403	*****								

BUSAN 852 , STATION 313-06 , 33-24.4. N, 125-12.0. E, OCT.22.1987, 00:05 KST,
 DEPTH 86 , COLOR , TRANS. , WAVE NW 4, SWELL NW 2, WIND NW 5 , BARO 1021. ,
 AIR TEMP. DRY 13.8, WET , CLOUD. TYPE NS, AMT 10, WEATHER C

0	21.20	31.504	5.10	0	21.20	31.504	5.10	21.80	601	601	0.0000
11	21.20	31.491	5.20	10	21.20	31.492	5.19	21.79	602	602	0.0602
22	21.21	31.508	5.00	20	21.20	31.504	5.03	21.80	601	602	0.1204
31	18.40	31.804	4.45	30	18.71	31.771	4.51	22.65	520	521	0.1766
50	15.03	33.422	4.10	50	15.03	33.422	4.10	24.77	318	319	0.2607
74	13.54	33.488	3.85	75	13.53	33.486	*****	25.13	284	285	0.3364
84	13.46	33.475	*****								

BUSAN 852 , STATION 313-07 , 33-24.4. N, 125-00.0. E, OCT.21.1987, 23:00 KST,
 DEPTH 81 , COLOR , TRANS. , WAVE NW 4, SWELL NW 2, WIND NW 5 , BARO 1021.5,
 AIR TEMP. DRY 14.0, WET , CLOUD. TYPE NS, AMT 10, WEATHER C

0	19.66	31.154	5.25	0	19.66	31.154	5.25	21.94	588	588	0.0000
10	19.65	31.174	5.30	10	19.65	31.174	5.30	21.96	586	586	0.0587
20	19.69	31.536	5.25	20	19.69	31.536	5.25	22.22	561	561	0.1161
30	19.76	31.625	5.15	30	19.76	31.625	5.15	22.27	556	557	0.1721
50	14.33	33.490	4.35	50	14.33	33.490	4.35	24.97	299	300	0.2579
75	14.46	33.564	3.80	75	14.46	33.564	3.80	25.00	296	298	0.3328
77	14.45	33.568	*****								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 313-08 , 33-24.4. N, 124-48.0. E, OCT. 21. 1987, 22:00 KST,
 DEPTH 76 , COLOR , TRANS. , WAVE NW 4, SWELL NW 2, WIND NW 5 , BARO 1021. ,
 AIR TEMP. DRY 14.0, WET , CLOUD. TYPE NS, AMT 10, WEATHER C

0	19.92	30.784	5.25	0	19.92	30.784	5.25	21.59	621	621	0.0000
10	20.18	30.932	5.10	10	20.18	30.932	5.10	21.64	617	617	0.0619
21	20.67	31.462	5.20	20	20.62	31.413	5.19	21.89	593	593	0.1225
30	20.38	31.504	5.00	30	20.38	31.504	5.00	22.02	580	581	0.1812
50	13.60	33.215	4.30	50	13.60	33.215	4.30	24.91	305	306	0.2700
74	13.63	33.226	4.00								

33-24.4. N, 124-36.0. E, OCT. 21. 1987, 21:00 KST,
 82 , COLOR , TRANS. , WAVE NW 4, SWELL NW 2, WIND NW 5 , BARO 1020.5,
 AIR TEMP. DRY 14.6, WET , CLOUD. TYPE NS, AMT 10, WEATHER C

0	20.34	30.143	5.30	0	20.34	30.143	5.30	21.00	678	678	0.0000
10	20.14	30.304	5.20	10	20.14	30.304	5.20	21.17	662	662	0.0670
20	20.66	30.553	4.90	20	20.66	30.553	4.90	21.23	657	657	0.1330
29	17.47	30.575	4.85	30	17.25	30.662	4.84	22.15	568	568	0.1943
49	13.25	32.334	4.80	50	13.23	32.362	4.78	24.32	361	361	0.2873
75	12.86	33.071	4.40	75	12.86	33.071	4.40	24.94	301	303	0.3705
80	12.83	33.092	****								

BUSAN 852 , STATION 313-10 , 33-24.4. N, 124-24.0. E, OCT. 21. 1987, 20:00 KST,
 DEPTH 76 , COLOR , TRANS. , WAVE NW 4, SWELL NW 2, WIND NW 5 , BARO 1019. ,
 AIR TEMP. DRY 14.6, WET , CLOUD. TYPE NS, AMT 10, WEATHER C

0	19.45	30.104	5.30	0	19.45	30.104	5.30	21.20	659	659	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
10	20.10	30.834	5.20	10	20.10	30.834	5.20	21.58	622	622	0.0641
20	20.09	30.846	5.20	20	20.09	30.846	5.20	21.60	621	621	0.1263
30	17.96	30.882	5.20	30	17.96	30.882	5.20	22.15	568	568	0.1858
51	14.24	31.724	5.00	50	14.41	31.683	5.00	23.56	433	434	0.2861
74	13.82	32.761	5.05								

12月(December)

BUSAN 852 , STATION 313-02 , 33-24.4. N, 126-00.0. E, DEC.14.1987, 03:20 KST,
 DEPTH 95 , COLOR , TRANS. , WAVE NW 4, SWELL NW 2, WIND NW 5 , BARO 1025.5,
 AIR TEMP. DRY 8.4, WET , CLOUD. TYPE NS, AMT 08, WEATHER C

0	17.94	34.345	5.18	0	17.94	34.345	5.18	24.80	315	315	0.0000
10	17.98	34.352	5.14	10	17.98	34.352	5.14	24.80	315	315	0.0315
20	18.00	34.346	5.09	20	18.00	34.346	5.09	24.79	316	317	0.0632
30	18.02	34.349	5.14	30	18.02	34.349	5.14	24.78	317	317	0.0949
51	18.01	34.362	5.09	50	18.01	34.361	5.09	24.80	316	317	0.1584
75	18.02	34.406	5.09	75	18.02	34.406	5.09	24.83	312	314	0.2374
93	18.03	34.342	4.69								

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BUSAN 852 , STATION 313-03 , 33-24.4. N, 125-48.0. E, DEC.14.1987, 02:20 KST,
 DEPTH 90 , COLOR , TRANS. , WAVE NW 4, SWELL NW 2, WIND NW 5 , BARO 1025.5,
 AIR TEMP. DRY 9.2, WET , CLOUD. TYPE NS, AMT 08, WEATHER C

0	17.99	34.425	5.14	0	17.99	34.425	5.14	24.85	310	310	0.0000
10	18.05	34.432	4.84	10	18.05	34.432	4.84	24.84	311	311	0.0311
19	18.03	34.377	4.99	20	18.03	34.378	4.98	24.80	315	315	0.0624
30	18.05	34.395	4.94	30	18.05	34.395	4.94	24.81	314	315	0.0940
50	18.05	34.433	4.89	50	18.05	34.433	4.89	24.84	311	312	0.1568
74	18.07	34.428	4.79	75	18.07	34.428	4.77	24.83	312	314	0.2352
88	18.09	34.438	4.64								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 313-04 , 33-24.4. N, 125-36.0. E, DEC. 14. 1987, 01:20 KST,
 DEPTH 91 , COLOR , TRANS. , WAVE NW 4, SWELL NW 2, WIND NW 5 , BARO 1025.5,
 AIR TEMP. DRY 8.4, WET , CLOUD, TYPE NS, AMT 08, WEATHER C

0	17.15	34.108	5.24	0	17.15	34.108	5.24	24.81	314	314	0.0000
10	17.26	34.114	5.04	10	17.26	34.114	5.04	24.79	316	316	0.0315
20	17.28	34.117	5.09	20	17.28	34.117	5.09	24.79	316	317	0.0632
30	17.29	34.119	5.19	30	17.29	34.119	5.19	24.78	317	317	0.0949
51	17.28	34.146	5.04	50	17.28	34.144	5.04	24.81	314	316	0.1583
75	16.99	34.315	4.69	75	16.99	34.315	4.69	25.01	295	297	0.2351
87	16.99	34.395	4.09								

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BUSAN 852 , STATION 313-05 , 33-24.4. N, 125-24.0. E, DEC. 14. 1987, 00:20 KST,
 DEPTH 87 , COLOR , TRANS. , WAVE NW 4, SWELL NW 2, WIND NW 5 , BARO 1025. ,
 AIR TEMP. DRY 8.7, WET , CLOUD, TYPE NS, AMT 09, WEATHER C

0	16.62	33.891	5.19	0	16.62	33.891	5.19	24.77	318	318	0.0000
10	16.65	33.863	5.29	10	16.65	33.863	5.29	24.74	321	321	0.0319
20	16.65	33.853	5.09	20	16.65	33.853	5.09	24.73	322	322	0.0641
30	16.66	33.871	5.09	30	16.66	33.871	5.09	24.74	320	321	0.0963
51	16.68	33.866	4.99	50	16.67	33.866	4.99	24.73	321	322	0.1607
75	16.86	33.993	4.84	75	16.86	33.993	4.84	24.79	316	318	0.2409
85	16.86	*****	*****								

BUSAN 852 , STATION 313-06 , 33-24.4. N, 125-12.0. E, DEC. 13. 1987, 23:20 KST,
 DEPTH 84 , COLOR , TRANS. , WAVE NW 4, SWELL NW 2, WIND NW 5 , BARO 1025. ,
 AIR TEMP. DRY 9.0, WET , CLOUD, TYPE NS, AMT 08, WEATHER C

0	16.32	33.905	5.34	0	16.32	33.905	5.34	24.85	311	310	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

10	16.84	33.924	5.29	10	16.84	33.924	5.29	24.74	321	321	0.0315
20	16.83	33.938	5.04	20	16.83	33.938	5.04	24.75	319	320	0.0636
30	16.86	33.911	5.09	30	16.86	33.911	5.09	24.73	322	323	0.0958
50	16.86	33.906	5.04	50	16.86	33.906	5.04	24.72	322	324	0.1605
75	16.71	34.266	4.44	75	16.71	34.266	4.44	25.03	293	295	0.2379
82	16.66	*****	*****								

BUSAN 852 , STATION 313-07 , 33-24.4, N, 125-00.0, E, DEC.13.1987, 22:10 KST,
 DEPTH 83 , COLOR , TRANS. , WAVE NW 4, SWELL NW 2, WIND NW 5 , BARO 1025. ,
 AIR TEMP. DRY 8.3, WET , CLOUD, TYPE NS, AMT 09, WEATHER C

0	15.37	33.471	5.32	0	15.37	33.471	5.32	24.73	322	322	0.0000
10	15.55	33.438	5.39	10	15.55	33.438	5.39	24.66	328	328	0.0325
20	15.52	33.504	5.24	20	15.52	33.504	5.24	24.72	323	323	0.0651
30	15.53	33.542	5.19	30	15.53	33.542	5.19	24.75	320	321	0.0973
50	15.55	33.549	4.79	50	15.55	33.549	4.79	24.75	320	321	0.1615
75	16.51	34.064	4.64	75	16.51	34.064	4.64	24.93	303	305	0.2399
81	16.56	*****	*****								

BUSAN 852 , STATION 313-08 , 33-24.4, N, 124-48.0, E, DEC.13.1987, 21:05 KST,
 DEPTH 79 , COLOR , TRANS. , WAVE NW 4, SWELL NW 2, WIND NW 5 , BARO 1025. ,
 AIR TEMP. DRY 7.9, WET , CLOUD, TYPE AS, AMT 08, WEATHER C

0	15.40	33.405	4.94	0	15.40	33.405	4.94	24.67	327	327	0.0000
10	15.41	33.388	5.03	10	15.41	33.388	5.03	24.66	329	329	0.0328
20	15.43	33.343	5.13	20	15.43	33.343	5.13	24.62	332	333	0.0659
29	15.43	33.338	5.11	30	15.42	33.338	5.11	24.61	333	333	0.0993
50	15.42	33.353	5.18	50	15.42	33.353	5.18	24.63	332	333	0.1659
75	15.93	33.668	5.13	75	15.93	33.668	5.13	24.75	319	321	0.2478

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 313-09 , 33-24.4. N, 124-36.0. E, DEC. 13. 1987, 20:00 KST,
 DEPTH 80 , COLOR , TRANS. , WAVE NW 4, SWELL NW 2, WIND NW 5 , BARO 1025.5,
 AIR TEMP. DRY 9.2, WET , CLOUD. TYPE AC, AMT 08, WEATHER C

0	14.91	33.153	5.27	0	14.91	33.153	5.27	24.58	336	335	0.0000
10	14.97	33.148	5.27	10	14.97	33.148	5.27	24.57	337	337	0.0336
20	14.98	33.132	5.08	20	14.98	33.132	5.08	24.55	339	339	0.0675
29	14.98	*****	5.13	30	14.98	33.138	5.12	24.56	338	339	0.1014
50	14.99	33.154	5.03	50	14.99	33.154	5.03	24.57	337	338	0.1692
76	15.23	33.291	4.98	75	15.22	33.285	4.98	24.62	332	334	0.2533
78	15.23	*****	*****								

BUSAN 852 , STATION 313-10 , 33-24.4. N, 124-24.0. E, DEC. 13. 1987, 18:50 KST,
 DEPTH 79 , COLOR , TRANS. , WAVE NW 4, SWELL NW 2, WIND NW 5 , BARO 1025. ,
 AIR TEMP. DRY 8.6, WET , CLOUD. TYPE NS, AMT 10, WEATHER C

0	15.51	33.170	5.13	0	15.51	33.170	5.13	24.47	347	347	0.0000
11	15.61	33.106	5.37	10	15.60	33.111	5.34	24.40	353	353	0.0350
20	15.56	33.149	5.25	20	15.56	33.149	5.25	24.44	349	350	0.0702
30	15.54	33.120	5.18	30	15.54	33.120	5.18	24.42	351	352	0.1053
50	15.57	33.124	5.18	50	15.57	33.124	5.18	24.42	351	352	0.1758
77	14.98	33.140	5.08	75	15.02	33.138	5.08	24.55	339	341	0.2625

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
BUSAN 852 , STATION 314-02 , 33-00.0. N, 127-24.0. E, FEB. 9.1987, 03:25 KST, DEPTH 125 , COLOR , TRANS. , WAVE SW 3, SWELL SW 1, WIND SW 4 , BARO 1020.2, AIR TEMP. DRY 14.2, WET , CLOUD. TYPE , AMT 00, WEATHER B											
0 16.32 34.755 5.70				0 16.32 34.755 5.70				25.50 249 248 0.0000			
10 16.33 34.756 5.57				10 16.33 34.756 5.57				25.50 249 249 0.0248			
20 16.33 34.757 5.52				20 16.33 34.757 5.52				25.50 249 249 0.0498			
29 16.33 34.756 5.55				30 16.33 34.756 5.54				25.50 249 249 0.0747			
49 16.33 34.756 5.50				50 16.33 34.755 5.50				25.50 249 250 0.1247			
75 16.34 34.755 5.55				75 16.34 34.755 5.55				25.49 249 251 0.1874			
101 16.34 34.757 5.40				100 16.34 34.756 5.40				25.50 249 251 0.2504			
121 16.35 34.744 5.43											
BUSAN 852 , STATION 314-03 , 33-00.0. N, 127-06.0. E, FEB. 9.1987, 05:15 KST, DEPTH 110 , COLOR , TRANS. , WAVE SW 3, SWELL SW 1, WIND SW 5 , BARO 1019.8, AIR TEMP. DRY 14.0, WET , CLOUD. TYPE , AMT 00, WEATHER B											
0 16.38 34.742 5.57				0 16.38 34.742 5.57				25.48 251 250 0.0000			
10 16.41 34.734 5.38				10 16.41 34.734 5.38				25.46 252 252 0.0251			
20 16.39 34.744 5.35				20 16.39 34.744 5.35				25.47 251 251 0.0503			
30 16.41 34.745 5.45				30 16.41 34.745 5.45				25.47 251 252 0.0755			
51 16.41 34.745 5.45				50 16.41 34.745 5.45				25.47 251 252 0.1260			
74 16.42 34.744 5.40				75 16.42 34.743 5.39				25.47 252 253 0.1894			
101 16.42 34.743 5.30				100 16.42 34.743 5.30				25.47 252 254 0.2530			
BUSAN 852 , STATION 314-04 , 33-00.0. N, 126-48.0. E, FEB. 9.1987, 07:10 KST, DEPTH 108 , COLOR 3, TRANS. 10.0, WAVE WSW 3, SWELL WSW 1, WIND WSW 4 , BARO 1020.2, AIR TEMP. DRY 13.1, WET , CLOUD. TYPE , AMT 00, WEATHER B											
0 16.30 34.737 5.40				0 16.30 34.737 5.40				25.49 249 249 0.0000			
10 16.30 34.735 5.50				10 16.30 34.735 5.50				25.49 250 250 0.0249			

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

21	16.31	34.728	5.45	20	16.30	34.728	5.45	25.48	250	250	0.0500
30	16.31	34.738	5.30	30	16.31	34.738	5.30	25.49	250	250	0.0751
50	16.31	34.728	5.43	50	16.31	34.728	5.43	25.48	250	251	0.1253
73	16.31	34.726	5.40	75	16.31	34.726	5.39	25.48	250	252	0.1884
100	16.31	34.729	5.30	100	16.31	34.729	5.30	25.48	250	253	0.2517

BUSAN 852 , STATION 314-05 , 33-00.0. N, 126-30.0. E, FEB. 9. 1987, 09:10 KST,
 DEPTH 108 , COLOR 3, TRANS. 11.0, WAVE SW 4, SWELL SW 1, WIND SW 4 , BARO 1021.2,
 AIR TEMP. DRY 14.8, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	15.50	34.627	5.70	0	15.50	34.627	5.70	25.59	240	240	0.0000
11	15.50	34.629	5.70	10	15.50	34.628	5.70	25.59	240	240	0.0240
20	15.50	34.629	5.65	20	15.50	34.629	5.65	25.59	240	240	0.0480
30	15.51	34.628	5.65	30	15.51	34.628	5.65	25.59	240	241	0.0722
50	15.51	34.628	5.60	50	15.51	34.628	5.60	25.59	240	241	0.1205
75	15.52	34.619	5.55	75	15.52	34.619	5.55	25.58	241	243	0.1811
102	15.41	34.627	5.65	100	15.41	34.626	5.64	25.61	238	241	0.2418

BUSAN 852 , STATION 314-06 , 33-00.0. N, 126-12.0. E, FEB. 13. 1987, 09:50 KST,
 DEPTH 113 , COLOR 3, TRANS. 11.0, WAVE NNW 2, SWELL NNW 1, WIND N 2 , BARO 1018.5,
 AIR TEMP. DRY 14.2, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	15.09	34.552	5.65	0	15.09	34.552	5.65	25.62	237	237	0.0000
10	15.09	34.559	5.65	10	15.09	34.559	5.65	25.63	236	236	0.0237
19	15.09	34.563	5.75	20	15.09	34.563	5.74	25.63	236	236	0.0473
32	15.09	34.572	5.74	30	15.09	34.570	5.74	25.64	236	236	0.0710
50	15.09	34.575	5.60	50	15.09	34.575	5.60	25.64	235	236	0.1184
75	15.10	34.575	5.75	75	15.10	34.575	5.75	25.64	235	237	0.1777
100	15.10	34.578	5.65	100	15.10	34.578	5.65	25.64	235	238	0.2372
107	15.10	34.575	*****								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
BUSAN 852 , STATION 314-07 , 33-00.0. N, 125-54.0. E, FEB.13.1987, 11:45 KST, DEPTH 116 , COLOR 3, TRANS. 10.0, WAVE NNW 1, SWELL NNW 1, WIND NNW 2 , BARO 1018.3, AIR TEMP. DRY 13.1, WET , CLOUD. TYPE , AMT 00, WEATHER B											
0	15.13	34.561	5.80	0	15.13	34.561	5.80	25.62	237	237	0.0000
11	15.08	34.562	5.65	10	15.08	34.561	5.66	25.63	236	236	0.0236
20	15.08	34.561	5.75	20	15.08	34.561	5.75	25.63	236	236	0.0473
30	15.08	34.561	5.57	30	15.08	34.561	5.57	25.63	236	237	0.0710
49	15.07	34.561	5.60	50	15.06	34.561	5.60	25.63	236	237	0.1185
75	15.03	34.567	5.70	75	15.03	34.567	5.70	25.65	235	236	0.1778
101	14.98	34.580	5.75	100	14.98	34.579	5.74	25.67	233	235	0.2368
111	14.99	34.581	5.70								
BUSAN 852 , STATION 314-08 , 33-00.0. N, 125-36.0. E, FEB.13.1987, 13:35 KST, DEPTH 108 , COLOR 4, TRANS. 10.0, WAVE SW 1, SWELL NW 1, WIND SW 2 , BARO 1017. , AIR TEMP. DRY 12.6, WET , CLOUD. TYPE , AMT 00, WEATHER B											
0	15.20	34.562	5.80	0	15.20	34.562	5.80	25.60	239	238	0.0000
11	14.92	34.553	5.77	10	14.94	34.553	5.77	25.65	234	234	0.0236
19	14.90	34.553	5.74	20	14.90	34.553	5.72	25.66	233	233	0.0470
30	14.90	34.554	5.62	30	14.90	34.554	5.62	25.66	233	233	0.0704
51	14.89	34.554	5.70	50	14.89	34.554	5.69	25.67	233	234	0.1172
73	14.89	34.555	5.67	75	14.89	34.555	5.67	25.67	233	234	0.1758
100	14.89	34.557	5.80	100	14.89	34.557	5.80	25.67	232	235	0.2346
BUSAN 852 , STATION 314-09 , 33-00.0. N, 125-18.0. E, FEB.13.1987, 15:30 KST, DEPTH 102 , COLOR 4, TRANS. 9.0, WAVE SW 1, SWELL NW 1, WIND SW 3 , BARO 1016.5, AIR TEMP. DRY 12.1, WET , CLOUD. TYPE , AMT 00, WEATHER B											
0	14.88	34.455	5.80	0	14.88	34.455	5.80	25.59	240	239	0.0000
10	14.68	34.444	5.90	10	14.68	34.444	5.90	25.63	236	236	0.0238

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

20	14.65	34.448	5.75	20	14.65	34.448	5.75	25.64	235	236	0.0474
29	14.65	34.450	5.80	30	14.65	34.450	5.80	25.64	235	236	0.0711
50	14.66	34.451	5.85	50	14.66	34.451	5.85	25.64	235	237	0.1184
75	14.67	34.456	5.85	75	14.67	34.456	5.85	25.64	235	237	0.1777
100	14.68	34.460	5.65	100	14.68	34.460	5.65	25.64	235	238	0.2372

BUSAN 852 , STATION 314-10 , 33-00.0. N, 125-00.0. E, FEB.13, 1987, 17:30 KST,
 DEPTH 103 , COLOR 4, TRANS. 7.0, WAVE SW 2, SWELL SW 1, WIND SW 4 , BARO 1015.9,
 AIR TEMP. DRY 10.8, WET , CLOUD, TYPE CI, AMT 01, WEATHER B

0	14.28	34.322	5.90	0	14.28	34.322	5.90	25.62	237	237	0.0000
11	14.28	34.324	5.80	10	14.28	34.323	5.80	25.62	237	237	0.0237
21	14.19	34.323	5.80	20	14.19	34.323	5.80	25.64	235	236	0.0474
31	14.19	34.326	5.78	30	14.19	34.325	5.78	25.64	235	236	0.0710
51	14.19	34.325	5.80	50	14.19	34.325	5.79	25.64	235	236	0.1183
75	14.20	34.330	5.85	75	14.20	34.330	5.85	25.64	235	237	0.1775
89	14.20	34.327	5.77								

4 月(April)

BUSAN 852 , STATION 314-00 , 33-00.0. N, 128-00.0. E, APR. 5, 1987, 21:30 KST,
 DEPTH 155 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 4 , BARO 1017. ,
 AIR TEMP. DRY 16.2, WET , CLOUD, TYPE AS, AMT 10, WEATHER C

0	16.72	34.749	5.60	0	16.72	34.749	5.60	25.40	258	258	0.0000
11	16.73	34.750	5.45	10	16.72	34.749	5.46	25.40	258	258	0.0258
21	16.72	34.747	5.30	20	16.72	34.747	5.31	25.40	258	258	0.0516
31	16.69	34.747	5.35	30	16.69	34.747	5.34	25.41	257	258	0.0775
51	16.48	34.749	5.35	50	16.49	34.748	5.35	25.46	253	254	0.1288
76	16.26	34.719	5.20	75	16.26	34.720	5.20	25.48	250	252	0.1921
100	14.91	34.562	5.00	100	14.91	34.562	5.00	25.67	232	235	0.2531
124	14.64	34.583	4.75	125	14.61	34.585	4.74	25.75	225	228	0.3111
150	13.98	34.640	4.65	150	13.98	34.640	4.65	25.93	208	212	0.3661

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
BUSAN 852 , STATION 314-01 , 33-00.0. N, 127-42.0. E, APR. 5, 1987, 23:10 KST, DEPTH 145 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 4 , BARO 1016.5, AIR TEMP. DRY 17.2, WET , CLOUD. TYPE NS, AMT 10, WEATHER R											
0	16.75	34.744	5.55	0	16.75	34.744	5.55	25.39	259	259	0.0000
9	16.76	34.753	5.40	10	16.76	34.753	5.40	25.40	258	258	0.0258
19	16.76	34.754	5.40	20	16.75	34.753	5.40	25.40	258	259	0.0517
31	16.75	34.752	5.40	30	16.75	34.752	5.40	25.40	258	259	0.0777
51	16.65	34.752	5.35	50	16.65	34.752	5.35	25.42	256	257	0.1294
74	16.59	34.748	5.35	75	16.58	34.746	5.34	25.43	255	257	0.1938
100	16.39	34.721	5.15	100	16.39	34.721	5.15	25.46	253	255	0.2579
125	15.31	34.590	5.05	125	15.31	34.590	5.05	25.60	239	242	0.3202
140	15.24	34.588	4.95								
BUSAN 852 , STATION 314-02 , 33-00.0. N, 127-24.0. E, APR. 6, 1987, 00:55 KST, DEPTH 120 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 4 , BARO 1016. , AIR TEMP. DRY 17.0, WET , CLOUD. TYPE NS, AMT 10, WEATHER R											
0	16.69	34.755	5.50	0	16.69	34.755	5.50	25.41	257	256	0.0000
11	16.69	34.755	5.30	10	16.69	34.755	5.31	25.41	257	257	0.0257
20	16.65	34.749	5.35	20	16.65	34.749	5.35	25.42	256	257	0.0514
30	16.49	34.739	5.35	30	16.49	34.739	5.35	25.45	253	254	0.0769
51	16.48	34.740	5.20	50	16.48	34.739	5.20	25.45	253	254	0.1279
76	16.38	34.712	5.25	75	16.38	34.713	5.24	25.45	253	255	0.1916
100	15.92	34.688	5.35	100	15.92	34.688	5.35	25.54	245	247	0.2545
117	15.67	34.652	5.20								
BUSAN 852 , STATION 314-03 , 33-00.0. N, 127-06.0. E, APR. 6, 1987, 02:35 KST, DEPTH 110 , COLOR , TRANS. , WAVE SE 3, SWELL SE 2, WIND SE 5 , BARO 1015. , AIR TEMP. DRY 16.2, WET , CLOUD. TYPE NS, AMT 10, WEATHER R											
0	15.94	34.648	5.65	0	15.94	34.648	5.65	25.50	248	248	0.0000

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
9	15.94	34.650	5.65	10	15.92	34.650	5.63	25.51	247	247	0.0248
20	15.78	34.659	5.50	20	15.78	34.659	5.50	25.55	244	244	0.0494
30	15.58	34.635	5.40	30	15.58	34.635	5.40	25.58	241	242	0.0737
50	15.25	34.561	5.40	50	15.25	34.561	5.40	25.59	240	241	0.1221
75	14.99	34.501	5.20	75	14.99	34.501	5.20	25.60	239	240	0.1823
101	15.04	34.512	5.25	100	15.03	34.511	5.24	25.60	239	241	0.2427

BUSAN 852 , STATION 314-04 , 33-00.0. N, 126-48.0. E, APR. 6, 1987, 04:35 KST,
 DEPTH 109 , COLOR , TRANS. , WAVE SE 3, SWELL SE 2, WIND SE 6 , BARO 1015. ,
 AIR TEMP. DRY 14.8, WET , CLOUD. TYPE NS, AMT 10, WEATHER R

0	16.37	34.725	5.90	0	16.37	34.725	5.90	25.46	252	251	0.0000
10	16.38	34.725	5.60	10	16.38	34.725	5.60	25.46	252	252	0.0252
19	16.36	34.722	5.85	20	16.30	34.715	5.82	25.47	251	251	0.0504
29	15.83	34.655	5.55	30	15.81	34.652	5.55	25.54	245	245	0.0753
49	15.44	34.601	5.55	50	15.43	34.600	5.54	25.58	241	242	0.1241
74	15.31	34.582	5.50	75	15.30	34.581	5.50	25.60	239	241	0.1846
99	15.24	34.575	5.55	100	15.24	34.575	*****	25.61	238	241	0.2450
105	15.24	34.575	*****								

BUSAN 852 , STATION 314-05 , 33-00.0. N, 126-30.0. E, APR. 6, 1987, 06:00 KST,
 DEPTH 105 , COLOR , TRANS. , WAVE SE 3, SWELL SE 2, WIND SE 5 , BARO 1011. ,
 AIR TEMP. DRY 15.0, WET , CLOUD. TYPE NS, AMT 10, WEATHER R

0	15.60	34.604	5.60	0	15.60	34.604	5.60	25.55	244	244	0.0000
11	15.60	34.607	5.50	10	15.60	34.606	5.50	25.55	244	244	0.0244
21	15.60	34.611	5.40	20	15.60	34.610	5.41	25.55	243	244	0.0488
30	15.49	34.597	5.65	30	15.49	34.597	5.65	25.57	242	243	0.0732
52	14.60	34.452	5.55	50	14.68	34.465	5.55	25.64	235	236	0.1211
77	14.51	34.461	5.55	75	14.51	34.460	5.55	25.67	232	234	0.1799
100	14.49	34.468	5.55	100	14.49	34.468	5.55	25.69	231	233	0.2384

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 314-06 , 33-00.0. N, 126-12.0. E, APR. 8, 1987, 09:45 KST,
 DEPTH 107 , COLOR 3, TRANS. 11.0, WAVE NW 2, SWELL NW 1, WIND NW 3 , BARO 1014. ,
 AIR TEMP. DRY 16.8, WET , CLOUD, TYPE CI, AMT 08, WEATHER C

0	15.73	34.623	5.65	0	15.73	34.623	5.65	25.53	245	245	0.0000
10	15.71	34.630	5.55	10	15.71	34.630	5.55	25.54	244	244	0.0245
21	15.68	34.625	5.50	20	15.68	34.625	5.50	25.55	244	244	0.0490
30	15.56	34.598	5.35	30	15.56	34.598	5.35	25.55	244	244	0.0734
49	15.36	34.565	5.40	50	15.33	34.561	5.40	25.57	241	243	0.1222
74	14.81	34.482	5.50	75	14.80	34.481	5.49	25.63	236	238	0.1824
101	14.73	34.464	5.45	100	14.73	34.464	5.45	25.63	236	238	0.2421

BUSAN 852 , STATION 314-07 , 33-00.0. N, 125-54.0. E, APR. 8, 1987, 11:25 KST,
 DEPTH 110 , COLOR 3, TRANS. 10.0, WAVE SE 1, SWELL SE 1, WIND SE 3 , BARO 1013.5,
 AIR TEMP. DRY 17.7, WET , CLOUD, TYPE CI, AMT 09, WEATHER C

-350-

0	14.29	34.355	5.80	0	14.29	34.355	5.80	25.64	235	235	0.0000
10	14.08	34.344	5.75	10	14.08	34.344	5.75	25.68	232	232	0.0233
19	14.07	34.345	5.85	20	14.06	34.344	5.84	25.68	231	231	0.0465
30	14.04	34.340	5.75	30	14.04	34.340	5.75	25.68	231	232	0.0697
51	14.01	34.347	5.50	50	14.01	34.346	5.51	25.69	230	231	0.1161
76	13.93	34.375	5.50	75	13.93	34.373	5.50	25.73	226	228	0.1736
99	13.61	34.336	5.45	100	13.61	34.335	*****	25.77	223	225	0.2304
106	13.61	34.335	*****								

BUSAN 852 , STATION 314-08 , 33-00.0. N, 125-36.0. E, APR. 8, 1987, 13:10 KST,
 DEPTH 110 , COLOR 4, TRANS. 7.0, WAVE SE 1, SWELL SE 1, WIND SE 2 , BARO 1013. ,
 AIR TEMP. DRY 18.2, WET , CLOUD, TYPE CI, AMT 07, WEATHER BC

0	14.40	34.352	5.80	0	14.40	34.352	5.80	25.62	237	237	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
10	13.68	34.301	5.70	10	13.68	34.301	5.70	25.73	227	227	0.0232
21	13.66	34.309	5.75	20	13.66	34.308	5.74	25.74	226	226	0.0459
31	13.63	34.310	5.70	30	13.63	34.309	5.70	25.74	225	226	0.0685
50	13.82	34.415	5.65	50	13.82	34.415	5.65	25.79	221	222	0.1134
76	13.87	34.459	5.70	75	13.86	34.457	5.69	25.81	219	221	0.1689
92	13.93	34.484	5.65								

BUSAN 852 , STATION 314-09 , 33-00.0. N, 125-18.0. E, APR. 8, 1987, 14:50 KST,
 DEPTH 100 , COLOR 4, TRANS. 6.0, WAVE SE 1, SWELL SE 1, WIND SE 3 , BARO 1012. ,
 AIR TEMP. DRY 19.0, WET , CLOUD, TYPE CI, AMT 09, WEATHER C

0	13.50	34.041	5.85	0	13.50	34.041	5.85	25.56	242	242	0.0000
11	12.97	34.106	5.65	10	13.01	34.100	5.66	25.71	229	229	0.0235
20	13.05	34.142	5.65	20	13.05	34.142	5.65	25.73	226	226	0.0463
29	13.03	34.162	5.70	30	13.02	34.163	5.70	25.75	224	225	0.0690
50	12.95	34.184	5.85	50	12.95	34.184	5.85	25.79	221	222	0.1138
76	13.44	34.387	5.85	75	13.42	34.379	5.85	25.84	216	218	0.1689
95	13.71	34.469	5.85								

BUSAN 852 , STATION 314-10 , 33-00.0. N, 125-00.0. E, APR. 8, 1987, 16:30 KST,
 DPTH 95 , COLOR 4, TRANS. 6.0, WAVE NE 1, SWELL NE 1, WIND NE 2 , BARO 1011. ,
 AIR TEMP. DRY 16.3, WET , CLOUD, TYPE CI, AMT 09, WEATHER C

0	12.38	33.757	5.75	0	12.38	33.757	5.75	25.57	242	242	0.0000
10	12.11	33.842	5.70	10	12.11	33.842	5.70	25.68	231	231	0.0236
19	12.19	33.901	5.65	20	12.19	33.903	5.65	25.72	228	228	0.0466
30	12.21	33.924	5.65	30	12.21	33.924	5.65	25.73	227	227	0.0694
51	12.18	33.985	5.95	50	12.18	33.982	5.93	25.78	222	223	0.1145
76	12.43	34.063	5.85	75	12.42	34.059	5.85	25.79	221	222	0.1702
90	13.09	34.280	5.80								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

6 月(June)

BUSAN 852 , STATION 314-00 , 33-00.0. N, 128-00.0. E, JUN. 11, 1987, 21:40 KST,
 DEPTH 152 , COLOR , TRANS. , WAVE E 2, SWELL E 1, WIND E 3 , BARO 1009. ,
 AIR TEMP. DRY 20.4, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	21.42	33.910	5.45	0	21.42	33.910	5.45	23.57	433	432	0.0000
11	21.43	33.937	5.55	10	21.42	33.934	5.54	23.58	431	431	0.0432
20	21.34	33.952	5.65	20	21.34	33.952	5.65	23.62	427	428	0.0862
30	18.68	34.256	5.65	30	18.68	34.256	5.65	24.55	339	340	0.1246
50	18.38	34.487	5.30	50	18.38	34.487	5.30	24.80	315	316	0.1903
76	16.95	34.452	5.10	75	17.00	34.453	5.10	25.11	286	288	0.2659
100	16.39	34.453	5.00	100	16.39	34.453	5.00	25.25	272	275	0.3363
125	15.61	34.664	4.75	125	15.61	34.664	4.75	25.59	240	243	0.4012
150	14.75	34.630	4.65	150	14.75	34.630	4.65	25.75	224	228	0.4602

BUSAN 852 , STATION 314-01 , 33-00.0. N, 127-42.0. E, JUN. 11, 1987, 23:30 KST,
 DEPTH 143 , COLOR , TRANS. , WAVE ENE 2, SWELL ENE 1, WIND ENE 4 , BARO 1010. ,
 AIR TEMP. DRY 20.2, WET , CLOUD. TYPE CI, AMT 04, WEATHER BC

0	21.26	33.241	5.60	0	21.26	33.241	5.60	23.10	477	477	0.0000
9	20.88	33.346	5.65	10	20.63	33.366	5.65	23.37	452	452	0.0464
21	17.90	33.587	5.75	20	18.14	33.566	5.74	24.15	377	377	0.0879
30	17.97	34.124	6.10	30	17.97	34.124	6.10	24.62	332	332	0.1234
51	17.06	34.325	5.80	50	17.10	34.315	5.81	24.98	299	299	0.1867
76	15.19	34.422	5.65	75	15.26	34.418	5.65	25.48	250	252	0.2557
101	14.71	34.469	5.45	100	14.72	34.467	5.45	25.63	236	238	0.3171
126	14.69	34.483	5.25	125	14.69	34.482	5.25	25.65	234	237	0.3766
141	14.66	34.483	5.20								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 314-02 , 33-00.0. N, 127-24.0. E, JUN. 12. 1987, 01:20 KST,
 DEPTH 120 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1009.5,
 AIR TEMP. DRY 20.2, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	20.67	33.004	5.70	0	20.67	33.004	5.70	23.08	479	479	0.0000
9	20.67	33.018	5.55	10	20.61	33.064	5.57	23.14	473	473	0.0476
20	20.01	33.531	5.85	20	20.01	33.531	5.85	23.66	424	424	0.0925
31	16.80	33.925	6.45	30	17.09	33.889	6.39	24.66	329	329	0.1302
51	16.29	34.189	6.00	50	16.31	34.175	6.02	25.06	291	292	0.1925
75	15.73	34.155	5.60	75	15.73	34.155	5.60	25.17	279	281	0.2642
101	14.01	34.321	5.35	100	14.07	34.314	5.35	25.66	234	236	0.3290
118	14.01	34.311	5.05								

BUSAN 852 , STATION 314-03 , 33-00.0. N, 127-06.0. E, JUN. 12. 1987, 03:10 KST,
 DEPTH 103 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 2 , BARO 1009.5,
 AIR TEMP. DRY 19.9, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	20.50	32.961	5.75	0	20.50	32.961	5.75	23.09	478	477	0.0000
10	19.56	32.939	5.65	10	19.56	32.939	5.65	23.32	456	456	0.0467
21	18.77	32.993	5.95	20	18.84	32.988	5.92	23.54	435	435	0.0913
30	15.73	33.626	6.50	30	15.73	33.626	6.50	24.77	318	319	0.1290
50	14.85	34.063	5.65	50	14.85	34.063	5.65	25.30	268	269	0.1879
76	14.16	34.374	5.65	75	14.18	34.362	5.65	25.67	232	234	0.2509
100	14.16	34.388	5.05	100	14.16	34.388	5.05	25.69	230	232	0.3093

BUSAN 852 , STATION 314-04 , 33-00.0. N, 126-48.0. E, JUN. 12. 1987, 04:55 KST,
 DEPTH 107 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1009. ,
 AIR TEMP. DRY 19.7, WET , CLOUD. TYPE CI, AMT 05, WEATHER BC

0	20.47	32.920	5.55	0	20.47	32.920	5.55	23.07	480	480	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D. T	SVA	D-DY
11	20.02	32.942	5.75	10	20.06	32.940	5.73	23.19	468	468	0.0474
21	18.40	33.151	6.10	20	18.56	33.130	6.06	23.72	418	418	0.0918
31	15.90	33.725	6.50	30	16.15	33.667	6.46	24.70	324	325	0.1290
50	14.39	34.041	5.80	50	14.39	34.041	5.80	25.38	260	261	0.1876
74	14.16	34.388	5.30	75	14.16	34.387	5.29	25.69	230	232	0.2493
101	14.16	34.382	5.25	100	14.16	34.382	5.25	25.69	230	233	0.3075

BUSAN 852 , STATION 314-05 , 33-00.0. N, 126-30.0. E, JUN. 12. 1987, 06:40 KST,
 DEPTH 106 , COLOR 3, TRANS. 16.0, WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1009.5,
 AIR TEMP. DRY 20.0, WET , CLOUD. TYPE CI, AMT 08, WEATHER C

0	20.85	33.291	5.15	0	20.85	33.291	5.15	23.25	463	462	0.0000
10	19.34	33.420	5.55	10	19.34	33.420	5.55	23.74	416	416	0.0439
20	18.19	33.769	5.85	20	18.19	33.769	5.85	24.30	363	363	0.0829
30	17.27	33.919	6.20	30	17.27	33.919	6.20	24.64	331	331	0.1177
50	15.73	34.302	5.45	50	15.73	34.302	5.45	25.29	269	270	0.1779
75	14.60	34.333	4.95	75	14.60	34.333	4.95	25.56	243	245	0.2423
100	14.17	34.414	4.70	100	14.17	34.414	4.70	25.71	228	231	0.3018

BUSAN 852 , STATION 314-06 , 33-00.0. N, 126-12.0. E, JUN. 13. 1987, 09:10 KST,
 DEPTH 110 , COLOR 3, TRANS. 13.0, WAVE NE 1, SWELL NE 1, WIND NE 3 , BARO 1003.5,
 AIR TEMP. DRY 21.6, WET , CLOUD. TYPE NS, AMT 10, WEATHER C

0	20.18	32.501	5.25	0	20.18	32.501	5.25	22.83	503	503	0.0000
11	20.19	32.814	5.45	10	20.18	32.785	5.43	23.04	483	483	0.0493
20	16.01	33.485	5.85	20	16.01	33.485	5.85	24.60	334	335	0.0902
31	15.17	33.659	5.97	30	15.24	33.643	5.95	24.89	307	307	0.1223
51	14.62	33.893	5.25	50	14.64	33.881	5.28	25.20	277	278	0.1809
76	14.14	34.358	4.90	75	14.15	34.339	4.91	25.66	235	235	0.2452
100	14.15	34.378	4.88	100	14.15	34.378	4.88	25.69	233	233	0.3038
108	14.15	34.366	****								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 314-07 , 33-00.0. N, 125-54.0. E, JUN. 13. 1987, 12:15 KST,
 DEPTH 97 , COLOR 3, TRANS. 14.0, WAVE NE 1, SWELL NE 1, WIND NE 3 , BARO 1003. ,
 AIR TEMP. DRY 23.4, WET , CLOUD, TYPE NS, AMT 10, WEATHER C

0	19.60	32.296	5.42	0	19.60	32.296	5.42	22.82	504	503	0.0000
10	19.33	32.354	5.70	10	19.33	32.354	5.70	22.94	493	493	0.0498
21	15.80	32.924	6.15	20	16.12	32.872	6.10	24.10	382	382	0.0936
30	13.81	33.521	5.60	30	13.81	33.521	5.60	25.10	287	287	0.1271
49	14.06	34.260	5.00	50	14.05	34.262	4.99	25.62	237	238	0.1797
75	14.04	34.335	4.95	75	14.04	34.335	4.95	25.68	231	233	0.2387
95	14.04	34.345	4.80								

BUSAN 852 , STATION 314-08 , 33-00.0. N, 125-36.0. E, JUN. 13. 1987, 14:00 KST,
 DEPTH 97 , COLOR 3, TRANS. 13.0, WAVE SE 1, SWELL SE 1, WIND SE 3 , BARO 1002. ,
 AIR TEMP. DRY 22.2, WET , CLOUD, TYPE NS, AMT 10, WEATHER C

0	19.85	32.553	5.45	0	19.85	32.553	5.45	22.95	491	491	0.0000
10	18.35	32.601	5.75	10	18.35	32.601	5.75	23.37	452	452	0.0471
20	16.16	33.431	6.00	20	16.16	33.431	6.00	24.52	342	342	0.0868
30	14.04	33.591	5.85	30	14.04	33.591	5.85	25.11	286	286	0.1183
51	14.13	34.320	5.50	50	14.12	34.285	5.51	25.62	237	238	0.1708
76	14.13	34.336	5.35	75	14.13	34.335	5.35	25.66	233	235	0.2300
95	14.14	34.343	5.05								

BUSAN 852 , STATION 314-09 , 33-00.0. N, 125-18.0. E, JUN. 13. 1987, 15:40 KST,
 DEPTH 84 , COLOR 3, TRANS. 13.0, WAVE SE 2, SWELL SE 1, WIND SE 4 , BARO 1001.5 ,
 AIR TEMP. DRY 21.0, WET , CLOUD, TYPE NS, AMT 10, WEATHER C

0	19.30	32.143	5.65	0	19.30	32.143	5.65	22.78	507	507	0.0000
10	19.01	32.138	5.95	10	19.01	32.138	5.95	22.85	501	501	0.0504
20	14.49	33.085	6.20	20	14.49	33.085	6.20	24.62	332	332	0.0921

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
30	12.48	33.460	5.75	30	12.48	33.460	5.75	25.32	266	266	0.1221
50	13.44	34.048	5.50	50	13.44	34.048	5.50	25.58	241	242	0.1729
75	14.08	34.266	4.90	75	14.08	34.266	4.90	25.62	237	239	0.2331
82	14.09	34.271	*****								

BUSAN 852 , STATION 314-10 , 33-00.0. N, 125-00.0. E, JUN.13.1987, 17:20 KST,
 DEPTH 80 , COLOR 3, TRANS. 12.0, WAVE SE 1, SWELL SE 1, WIND SE 3 , BARO 1001.5,
 AIR TEMP. DRY 20.1, WET , CLOUD, TYPE NS, AMT 10, WEATHER C

0	18.82	31.863	5.80	0	18.82	31.863	5.80	22.69	516	516	0.0000
10	17.25	31.889	6.20	10	17.25	31.889	6.20	23.09	478	478	0.0497
21	11.98	32.786	6.40	20	12.45	32.704	6.38	24.74	321	321	0.0897
31	11.45	33.198	5.85	30	11.50	33.156	5.90	25.27	271	271	0.1194
50	12.88	33.840	5.55	50	12.88	33.840	5.55	25.53	245	246	0.1712
75	13.03	33.890	5.30	75	13.03	33.890	5.30	25.54	244	246	0.2328

8月(August)

BUSAN 852 , STATION 314-00 , 33-00.0. N, 128-00.0. E, AUG.18.1987, 20:00 KST,
 DEPTH 163 , COLOR , TRANS. , WAVE SW 1, SWELL SW 1, WIND SW 3 , BARO 1007. ,
 AIR TEMP. DRY 26.7, WET , CLOUD, TYPE CI, AMT 02, WEATHER B

0	30.74	28.713	4.64	0	30.74	28.713	4.64	16.79	084	083	0.0000
11	29.95	31.389	4.79	10	30.02	31.145	4.77	18.85	885	885	0.0984
22	29.50	31.890	4.69	20	29.58	31.798	4.70	19.49	824	824	0.1839
28	29.27	31.942	4.64	30	29.10	31.961	4.62	19.77	797	797	0.2650
50	27.45	32.151	4.49	50	27.45	32.151	4.49	20.45	731	732	0.4180
73	25.77	32.256	4.29	75	25.56	32.261	4.27	21.12	666	668	0.5932
98	23.19	32.324	4.08	100	22.92	32.333	4.07	21.95	587	590	0.7506
124	19.76	32.441	4.03	125	19.65	32.464	4.02	22.94	493	496	0.8864
150	17.07	33.063	3.88	150	17.07	33.063	3.88	24.03	389	392	0.9976
160	15.67	33.480	*****								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 314-01 , 33-00.0. N, 127-42.0. E, AUG. 18, 1987, 21:30 KST,
 DEPTH 145 , COLOR , TRANS. , WAVE SW 1, SWELL SW 1, WIND SW 2 , BARO 1008. ,
 AIR TEMP. DRY 27.0, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	28.53	29.750	4.69	0	28.53	29.750	4.69	18.30	938	937	0.0000
11	28.14	31.790	4.74	10	28.17	31.604	4.73	19.81	793	793	0.0865
19	27.00	32.916	4.80	20	26.88	32.962	4.79	21.24	655	656	0.1590
31	25.67	33.475	4.74	30	25.78	33.428	4.74	21.93	589	589	0.2213
51	22.79	34.129	4.64	50	22.93	34.096	4.64	23.28	460	461	0.3264
75	21.20	34.632	4.38	75	21.20	34.632	4.38	24.17	375	377	0.4312
100	18.30	34.741	4.13	100	18.30	34.741	4.13	25.01	295	298	0.5157
125	16.12	34.682	4.03	125	16.12	34.682	4.03	25.49	249	253	0.5846
142	13.89	34.554	3.93								

BUSAN 852 , STATION 314-02 , 33-00.0. N, 127-24.0. E, AUG. 18, 1987, 23:05 KST,
 DEPTH 128 , COLOR , TRANS. , WAVE SW 1, SWELL SW 1, WIND SW 3 , BARO 1008. 5,
 AIR TEMP. DRY 27.0, WET , CLOUD. TYPE AS, AMT 05, WEATHER BC

0	27.33	29.890	4.74	0	27.33	29.890	4.74	18.79	890	890	0.0000
11	27.44	29.916	4.74	10	27.43	29.913	4.74	18.78	892	892	0.0891
21	24.62	32.850	4.95	20	24.90	32.556	4.92	21.55	626	626	0.1650
31	23.66	33.374	4.81	30	23.75	33.321	4.82	22.46	538	539	0.2233
51	20.96	33.747	4.55	50	21.09	33.728	4.56	23.52	437	439	0.3212
76	18.40	34.415	4.39	75	18.50	34.388	4.39	24.69	325	327	0.4170
99	16.02	34.330	4.08	100	16.01	34.341	4.06	25.25	272	274	0.4923
126	15.76	34.646	3.78	125	15.76	34.634	3.79	25.53	245	249	0.5579

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 314-03 , 33-00.0. N, 127-06.0. E, AUG. 19. 1987, 00:40 KST,
 DEPTH 111 , COLOR , TRANS. , WAVE SW 1, SWELL SW 1, WIND SW 2 , BARO 1008.5,
 AIR TEMP. DRY 27.0, WET , CLOUD. TYPE AS, AMT 04, WEATHER BC

0	27.96	28.990	4.80	0	27.96	28.990	4.80	17.92	975	974	0.0000
10	27.22	30.071	4.85	10	27.22	30.071	4.85	18.96	874	874	0.0924
20	24.91	32.815	5.00	20	24.91	32.815	5.00	21.74	608	608	0.1665
29	23.55	33.468	4.80	30	23.29	33.483	4.78	22.72	514	514	0.2227
50	18.25	33.793	4.58	50	18.25	33.793	4.58	24.30	362	364	0.3106
75	15.47	34.028	4.33	75	15.47	34.028	4.33	25.13	283	285	0.3918
101	15.45	34.480	4.29	100	15.45	34.462	4.29	25.47	251	254	0.4593
109	15.47	34.495	****								

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BUSAN 852 , STATION 314-04 , 33-00.0. N, 126-48.0. E, AUG. 19. 1987, 02:10 KST,
 DEPTH 106 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 3 , BARO 1008. ,
 AIR TEMP. DRY 26.7, WET , CLOUD. TYPE NS, AMT 10, WEATHER R

0	27.30	30.261	4.90	0	27.30	30.261	4.90	19.08	863	862	0.0000
10	26.58	31.260	5.05	10	26.58	31.260	5.05	20.06	769	769	0.0816
21	22.56	32.712	5.04	20	22.92	32.580	5.04	22.14	569	569	0.1485
30	20.05	32.677	4.89	30	20.05	32.677	4.89	23.00	487	488	0.2014
51	16.58	33.545	4.48	50	16.74	33.503	4.49	24.44	349	350	0.2853
74	14.72	33.849	4.13	75	14.76	33.885	4.12	25.18	279	281	0.3643
91	15.42	34.471	4.03								

BUSAN 852 , STATION 314-05 , 33-00.0. N, 126-30.0. E, AUG. 19. 1987, 03:40 KST,
 DEPTH 107 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 3 , BARO 1007. ,
 AIR TEMP. DRY 26.7, WET , CLOUD. TYPE NS, AMT 10, WEATHER R

0	26.47	31.370	4.95	0	26.47	31.370	4.95	20.17	758	757	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
11	23.72	31.878	5.26	10	23.97	31.831	5.23	21.28	652	652	0.0705
19	21.74	32.651	5.36	20	21.58	32.696	5.32	22.60	525	525	0.1293
30	20.02	33.149	4.95	30	20.02	33.149	4.95	23.36	452	453	0.1783
50	18.23	33.497	4.74	50	18.23	33.497	4.74	24.08	384	385	0.2621
75	15.31	34.407	4.49	75	15.31	34.407	4.49	25.46	252	254	0.3421
100	15.36	34.531	3.72	100	15.36	34.531	3.72	25.54	244	247	0.4048
102	15.35	34.529	*****								

BUSAN 852 , STATION 314-06 , 33-00.0. N. 126-12.0. E. AUG.20.1987, 09:05 KST.
 DEPTH 110 , COLOR 3, TRANS. 12.0, WAVE SW 3, SWELL SW 2, WIND SW 5 , BARO 1005.5,
 AIR TEMP. DRY 27.0, WET , CLOUD. TYPE CI, AMT 05, WEATHER BC

0	26.03	30.320	4.90	0	26.03	30.320	4.90	19.52	820	820	0.0000
9	27.01	30.172	5.15	10	26.39	30.361	5.17	19.44	828	828	0.0824
20	20.22	32.252	5.42	20	20.22	32.252	5.42	22.63	522	522	0.1500
32	13.82	32.889	5.16	30	14.88	32.782	5.20	24.30	362	363	0.1943
49	13.31	33.451	4.69	50	13.37	33.483	4.67	25.16	281	282	0.2588
77	14.99	34.368	4.13	75	14.87	34.302	4.17	25.48	251	252	0.3257
99	15.00	34.376	3.83	100	15.00	34.375	*****	25.50	248	250	0.3887
108	15.00	34.374	*****								

BUSAN 852 , STATION 314-07 , 33-00.0. N. 125-54.0. E. AUG.20.1987, 10:30 KST,
 DEPTH 110 , COLOR 3, TRANS. 12.0, WAVE SW 3, SWELL SW 2, WIND SW 5 , BARO 1005.5,
 AIR TEMP. DRY 27.2, WET , CLOUD. TYPE CI, AMT 05, WEATHER BC

0	26.95	30.508	4.84	0	26.95	30.508	4.84	19.38	834	834	0.0000
9	26.89	30.542	5.29	10	25.91	30.669	5.30	19.82	792	792	0.0813
21	15.17	32.071	5.45	20	16.14	31.943	5.43	23.38	450	450	0.1434
29	13.10	32.772	5.10	30	13.14	32.817	5.06	24.69	325	326	0.1823

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
51	14.11	33.767	4.37	50	14.06	33.721	4.40	25.20	277	278	0.2427
77	14.29	33.883	4.12	75	14.27	33.874	4.13	25.27	270	272	0.3115
99	14.92	34.083	3.86	100	14.92	34.081	*****	25.30	268	270	0.3794
108	14.93	34.070	*****								

BUSAN 852 , STATION 314-08 , 33-00.0. N, 125-36.0. E, AUG. 20. 1987, 12:10 KST,
 DEPTH 100 , COLOR 3, TRANS. 11.0, WAVE SW 3, SWELL SW 2, WIND SW 4 , BARO 1004.5,
 AIR TEMP. DRY 27.5, WET , CLOUD, TYPE CI, AMT 04, WEATHER BC

0	27.05	30.150	4.78	0	27.05	30.150	4.78	19.08	863	863	0.0000
10	26.68	30.271	5.34	10	26.68	30.271	5.34	19.28	843	843	0.0853
21	17.22	32.743	5.47	20	18.08	32.518	5.45	23.37	451	452	0.1501
30	13.01	33.021	4.99	30	13.01	33.021	4.99	24.88	308	308	0.1881
51	13.95	33.756	4.37	50	13.90	33.721	4.39	25.23	274	275	0.2465
74	14.02	33.778	4.22	75	14.02	33.778	4.21	25.25	272	274	0.3152
93	14.07	33.780	4.17								

BUSAN 852 , STATION 314-09 , 33-00.0. N, 125-18.0. E, AUG. 20. 1987, 13:40 KST,
 DEPTH 85 , COLOR 3, TRANS. 12.0, WAVE SW 3, SWELL SW 2, WIND SW 5 , BARO 1004.5,
 AIR TEMP. DRY 27.6, WET , CLOUD, TYPE CI, AMT 06, WEATHER BC

0	27.23	30.153	4.83	0	27.23	30.153	4.83	19.02	868	868	0.0000
10	26.67	30.031	5.34	10	26.67	30.031	5.34	19.11	860	860	0.0864
19	16.67	31.361	5.40	20	16.28	31.515	5.33	23.03	484	485	0.1537
30	12.46	33.057	4.72	30	12.46	33.057	4.72	25.01	295	295	0.1927
49	12.68	33.458	4.57	50	12.71	33.476	4.55	25.29	269	270	0.2494
74	13.58	33.932	4.23	75	13.58	33.933	*****	25.46	252	253	0.3149
79	13.59	33.940	*****								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 314-10 , 33-00.0. N, 125-00.0. E, AUG.20.1987, 15:30 KST,
 DEPTH 84 , COLOR 3, TRANS. 11.0, WAVE SW 3, SWELL SW 2, WIND SW 5 , BARO 1005. ,
 AIR TEMP. DRY 27.8, WET , CLOUD, TYPE CI, AMT 06, WEATHER BC

0	27.71	29.874	4.78	0	27.71	29.874	4.78	18.66	903	903	0.0000
11	25.88	30.029	5.08	10	26.04	30.014	5.05	19.29	843	843	0.0873
21	18.05	31.553	5.29	20	18.83	31.400	5.26	22.34	550	551	0.1570
29	12.63	32.370	4.98	30	12.63	32.417	4.96	24.48	345	346	0.2018
50	12.80	33.364	4.57	50	12.80	33.364	4.57	25.18	279	280	0.2645
75	13.17	33.524	4.18	75	13.17	33.524	4.18	25.23	274	275	0.3340
80	13.15	33.532	****								

10月(October)

BUSAN 852 , STATION 314-00 , 33-00.0. N, 128-00.0. E, OCT.17.1987, 20:20 KST,
 DEPTH 166 , COLOR , TRANS. , WAVE NW 4, SWELL NW 2, WIND NW 5 , BARO 1008.5,
 AIR TEMP. DRY 21.2, WET , CLOUD, TYPE CI, AMT 01, WEATHER B

0	27.68	32.209	4.75	0	27.68	32.209	4.75	20.42	734	734	0.0000
10	27.71	32.209	4.85	10	27.71	32.209	4.85	20.41	735	735	0.0734
21	27.70	32.212	4.85	20	27.70	32.211	4.85	20.42	734	735	0.1469
31	27.70	32.209	4.80	30	27.70	32.209	4.80	20.41	734	735	0.2205
50	27.68	32.229	4.65	50	27.68	32.229	4.65	20.44	732	734	0.3674
75	22.89	32.280	4.10	75	22.89	32.280	4.10	21.92	590	592	0.5332
100	21.12	32.657	3.60	100	21.12	32.657	3.60	22.70	516	518	0.6721
126	16.38	33.754	3.65	125	16.56	33.711	3.64	24.64	330	333	0.7787
149	15.23	34.015	3.60	150	15.20	34.024	****	25.19	278	282	0.8556
158	14.99	34.100	****								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
BUSAN 852 , STATION 314-01 , 33-00.0. N, 127-42.0. E, OCT. 17. 1987, 22:10 KST, DEPTH 151 , COLOR , TRANS. , WAVE NW 4, SWELL NW 2, WIND NW 5 , BARO 1008.5, AIR TEMP. DRY 21.2, WET , CLOUD, TYPE CI, AMT 01, WEATHER B											
0	27.83	32.203	4.85	0	27.83	32.203	4.85	20.37	739	739	0.0000
10	27.83	32.189	4.75	10	27.83	32.189	4.75	20.36	740	740	0.0739
19	27.83	32.198	4.80	20	27.82	32.200	4.80	20.37	739	739	0.1479
31	27.79	32.228	4.85	30	27.79	32.225	4.84	20.40	736	737	0.2218
50	27.61	32.357	4.85	50	27.61	32.357	4.85	20.55	721	722	0.3678
75	19.04	33.058	4.25	75	19.04	33.058	4.25	23.55	435	437	0.5128
100	18.43	34.318	3.85	100	18.43	34.318	3.85	24.66	329	331	0.6089
124	15.16	34.618	3.70	125	15.15	34.618	3.70	25.66	233	237	0.6800
149	14.99	34.619	3.70								
BUSAN 852 , STATION 314-02 , 33-00.0. N, 127-24.0. E, OCT. 17. 1987, 23:55 KST, DEPTH 127 , COLOR , TRANS. , WAVE NW 4, SWELL NW 2, WIND NW 5 , BARO 1009. , AIR TEMP. DRY 20.8, WET , CLOUD, TYPE CI, AMT 01, WEATHER B											
0	25.23	33.660	4.70	0	25.23	33.660	4.70	22.28	556	556	0.0000
10	25.16	33.736	4.70	10	25.16	33.736	4.70	22.36	548	548	0.0552
20	25.02	33.842	4.75	20	25.02	33.842	4.75	22.48	537	537	0.1095
31	24.75	34.054	4.80	30	24.77	34.034	4.79	22.70	516	516	0.1622
50	24.60	34.168	4.75	50	24.60	34.168	4.75	22.85	501	502	0.2642
75	15.04	34.342	4.10	75	15.04	34.342	4.10	25.47	251	253	0.3588
101	16.31	34.637	3.85	100	16.26	34.625	3.85	25.41	257	259	0.4229
125	15.55	34.635	3.80	125	15.55	34.635	3.80	25.58	241	244	0.4859
BUSAN 852 , STATION 314-03 , 33-00.0. N, 127-06.0. E, OCT. 18. 1987, 01:30 KST, DEPTH 110 , COLOR , TRANS. , WAVE NW 3, SWELL NW 2, WIND NW 4 , BARO 1009. , AIR TEMP. DRY 21.2, WET , CLOUD, TYPE CI, AMT 01, WEATHER B											
0	23.70	34.110	5.00	0	23.70	34.110	5.00	23.07	480	479	0.0000

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
10	23.74	34.094	5.10	10	23.74	34.094	5.10	23.05	482	482	0.0481
20	23.74	34.101	4.90	20	23.74	34.101	4.90	23.05	482	482	0.0963
31	23.72	34.116	4.50	30	23.72	34.114	4.53	23.07	480	481	0.1445
50	23.72	34.113	4.30	50	23.72	34.113	4.30	23.07	480	481	0.2408
74	17.27	34.563	3.90	75	17.22	34.565	3.89	25.14	283	285	0.3367
99	16.15	34.617	3.70	100	16.15	34.619	****	25.43	255	257	0.4045
108	16.15	34.638	****								

BUSAN 852 , STATION 314-04 , 33-00.0. N, 126-48.0. E, OCT.18,1987, 03:00 KST,
 DEPTH 108 , COLOR , TRANS. , WAVE NW 3, SWELL NW 2, WIND NW 4 , BARO 1009. ,
 AIR TEMP. DRY 21.6, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	24.25	33.675	5.00	0	24.25	33.675	5.00	22.58	527	526	0.0000
10	24.18	33.648	4.80	10	24.18	33.648	4.80	22.58	527	527	0.0526
19	24.31	33.668	4.70	20	24.31	33.669	4.68	22.56	529	529	0.1055
30	24.36	33.685	4.55	30	24.36	33.685	4.55	22.56	529	530	0.1585
50	21.09	33.829	3.90	50	21.09	33.829	3.90	23.60	430	431	0.2547
74	17.54	34.273	3.70	75	17.48	34.284	3.69	24.86	309	311	0.3475
99	16.09	34.562	3.65	100	16.09	34.560	****	25.40	258	260	0.4191
106	16.09	34.553	****								

BUSAN 852 , STATION 314-05 , 33-00.0. N, 126-30.0. E, OCT.18,1987, 04:30 KST,
 DEPTH 105 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 4 , BARO 1009. ,
 AIR TEMP. DRY 21.2, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	24.48	33.756	5.15	0	24.48	33.756	5.15	22.53	527	527	0.0000
11	24.40	33.835	5.20	10	24.40	33.827	5.19	22.65	520	520	0.0524
21	24.27	33.931	5.05	20	24.28	33.921	5.06	22.76	510	510	0.1039
30	24.19	33.994	4.45	30	24.19	33.994	4.45	22.84	502	503	0.1546
51	21.01	34.065	4.00	50	21.16	34.061	4.02	23.75	415	416	0.2466
75	16.60	34.474	3.55	75	16.60	34.474	3.55	25.22	275	277	0.3334
99	16.44	34.496	3.40	100	16.44	34.494	****	25.27	270	273	0.4022
103	16.45	34.489	****								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
BUSAN 852 , STATION 314-06 , 33-00.0. N, 126-12.0. E, OCT. 21. 1987, 09:50 KST, DEPTH 112 , COLOR 3, TRANS. 11.0, WAVE NW 4, SWELL NW 2, WIND NW 5 , BARO 1019. , AIR TEMP. DRY 16.8, WET , CLOUD, TYPE AS, AMT 10, WEATHER C											
0	20.00	32.168	4.90	0	20.00	32.168	4.90	22.62	523	522	0.0000
9	20.05	32.249	4.80	10	20.19	32.279	4.81	22.66	520	520	0.0521
21	21.77	32.610	4.95	20	21.62	32.579	4.93	22.50	534	535	0.1049
30	22.65	32.863	4.85	30	22.65	32.863	4.85	22.43	541	542	0.1587
50	21.48	33.064	4.10	50	21.48	33.064	4.10	22.91	495	497	0.2627
75	17.06	33.776	3.60	75	17.06	33.776	3.60	24.58	336	338	0.3671
101	17.86	34.000	3.35	100	17.82	33.991	3.35	24.56	338	341	0.4521
104	17.76	34.143	*****								
BUSAN 852 , STATION 314-07 , 33-00.0. N, 125-54.0. E, OCT. 21. 1987, 11:25 KST, DEPTH 110 , COLOR 3, TRANS. 11.0, WAVE NW 4, SWELL NW 2, WIND NW 6 , BARO 1019. , AIR TEMP. DRY 21.5, WET , CLOUD, TYPE AS, AMT 10, WEATHER C											
0	20.70	31.454	5.15	0	20.70	31.454	5.15	21.90	592	592	0.0000
10	21.41	31.482	5.10	10	21.41	31.482	5.10	21.73	608	608	0.0600
20	21.95	32.093	4.80	20	21.95	32.093	4.80	22.05	578	578	0.1194
30	21.72	32.534	4.60	30	21.72	32.534	4.60	22.44	540	541	0.1754
50	20.17	33.371	3.95	50	20.17	33.371	3.95	23.49	440	441	0.2736
75	18.48	33.706	3.55	75	18.48	33.706	3.55	24.18	374	376	0.3759
100	18.10	33.832	3.15	100	18.10	33.832	3.15	24.37	356	359	0.4679
107	17.91	33.984	*****								
BUSAN 852 , STATION 314-08 , 33-00.0. N, 125-36.0. E, OCT. 21. 1987, 13:00 KST, DEPTH 102 , COLOR 3, TRANS. 10.0, WAVE NW 4, SWELL NW 2, WIND NW 5 , BARO 1017.5, AIR TEMP. DRY 16.0, WET , CLOUD, TYPE NS, AMT 10, WEATHER C											
0	21.72	31.644	5.20	0	21.72	31.644	5.20	21.77	605	604	0.0000
11	22.18	31.832	4.85	10	22.13	31.814	4.88	21.78	603	603	0.0604

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

20	22.66	31.859	5.00	20	22.66	31.859	5.00	21.67	614	614	0.1213
31	21.75	31.941	4.40	30	21.83	31.933	4.45	21.96	587	587	0.1814
49	18.87	33.104	4.10	50	18.77	33.126	4.09	23.66	423	425	0.2827
75	16.46	33.682	3.90	75	16.46	33.682	3.90	24.64	330	332	0.3773
100	13.69	33.736	3.65	100	13.69	33.736	3.65	25.29	268	271	0.4528

BUSAN 852 , STATION 314-09 , 33-00.0. N, 125-18.0. E, OCT. 21, 1987, 14:30 KST,
 DEPTH 89 , COLOR 3, TRANS. 10.0, WAVE NW 4, SWELL NW 2, WIND NW 5 , BARO 1017. ,
 AIR TEMP. DRY 15.6, WET , CLOUD, TYPE NS, AMT 10, WEATHER C

0	20.48	31.895	5.15	0	20.48	31.895	5.15	22.29	555	554	0.0000
11	20.86	31.602	5.15	10	20.82	31.628	5.15	22.00	583	583	0.0568
20	21.47	31.568	4.80	20	21.47	31.568	4.80	21.78	604	604	0.1162
30	21.19	31.694	4.70	30	21.19	31.694	4.70	21.95	587	588	0.1758
49	20.19	32.734	4.45	50	19.98	32.770	4.43	23.09	478	480	0.2827
75	14.73	33.695	4.00	75	14.73	33.695	4.00	25.04	292	294	0.3795
87	13.67	33.667	****								

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BUSAN 852 , STATION 314-10 , 33-00.0. N, 125-00.0. E, OCT. 21, 1987, 16:00 KST,
 DEPTH 83 , COLOR 3, TRANS. 11.0, WAVE NW 4, SWELL NW 2, WIND NW 5 , BARO 1017.5,
 AIR TEMP. DRY 15.8, WET , CLOUD, TYPE NS, AMT 10, WEATHER C

0	21.59	31.404	5.20	0	21.59	31.404	5.20	21.62	619	618	0.0000
9	21.46	31.538	5.15	10	21.46	31.536	5.13	21.76	606	606	0.0612
20	21.54	31.522	4.95	20	21.54	31.522	4.95	21.73	609	609	0.1220
31	21.86	31.792	4.70	30	21.83	31.767	4.72	21.83	599	599	0.1824
50	19.64	32.799	4.50	50	19.64	32.799	4.50	23.20	468	469	0.2894
75	16.16	34.018	4.48	75	16.16	34.018	4.48	24.97	299	301	0.3857
81	16.15	34.042	****								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

12月(December)

BUSAN 852 , STATION 314-00 , 33-00.0. N, 128-00.0. E, DEC. 9.1987, 00:10 KST,
 DEPTH 162 , COLOR , TRANS. , WAVE NW 3, SWELL NW 2, WIND NW 4 , BARO 1024. ,
 AIR TEMP. DRY 13.0, WET , CLOUD, TYPE AS, AMT 10, WEATHER C

0	19.61	34.670	4.89	0	19.61	34.670	4.89	24.63	332	331	0.0000
10	20.14	34.646	5.03	10	20.14	34.646	5.03	24.47	347	347	0.0339
20	20.14	34.688	4.94	20	20.14	34.688	4.94	24.50	343	344	0.0685
30	20.10	34.683	4.98	30	20.10	34.683	4.98	24.51	343	343	0.1029
50	20.06	34.670	4.92	50	20.06	34.670	4.92	24.51	343	344	0.1717
75	19.97	34.649	4.98	75	19.97	34.649	4.98	24.52	342	344	0.2579
101	18.69	34.639	4.98	100	18.73	34.639	4.98	24.83	313	315	0.3404
125	16.27	34.690	4.17	125	16.27	34.690	4.17	25.46	252	255	0.4119
151	13.04	34.675	3.87	150	13.16	34.675	3.88	26.12	189	193	0.4681
160	13.03	*****	*****								

BUSAN 852 , STATION 314-01 , 33-00.0. N, 127-42.0. E, DEC. 9.1987, 01:50 KST,
 DEPTH 140 , COLOR , TRANS. , WAVE NW 3, SWELL NW 2, WIND NW 4 , BARO 1024. ,
 AIR TEMP. DRY 12.0, WET , CLOUD, TYPE AC, AMT 07, WEATHER BC

0	19.74	34.681	4.98	0	19.74	34.681	4.98	24.60	334	334	0.0000
10	19.90	34.666	4.96	10	19.90	34.666	4.96	24.55	339	339	0.0336
20	19.89	34.674	5.03	20	19.89	34.674	5.03	24.56	338	339	0.0676
30	19.89	34.667	4.92	30	19.89	34.667	4.92	24.55	339	339	0.1015
50	19.88	34.675	4.93	50	19.88	34.675	4.93	24.56	338	339	0.1695
75	19.88	34.671	4.96	75	19.88	34.671	4.96	24.56	338	340	0.2545
100	18.15	34.667	4.83	100	18.15	34.667	4.83	24.99	297	299	0.3346
126	16.38	34.668	4.24	125	16.44	34.667	4.26	25.40	258	261	0.4048
137	14.82	34.675	4.02								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
BUSAN 852 , STATION 314-02 , 33-00.0. N, 127-24.0. E, DEC. 9, 1987, 03:30 KST, DEPTH 129 , COLOR , TRANS. , WAVE NW 3, SWELL NW 2, WIND NW 4 , BARO 1024. , AIR TEMP. DRY 12.3, WET , CLOUD, TYPE AC, AMT 06, WEATHER BC											
0	19.79	34.559	4.94	0	19.79	34.559	4.94	24.50	344	344	0.0000
10	19.68	34.533	4.98	10	19.68	34.533	4.98	24.50	343	343	0.0343
21	19.75	34.546	4.98	20	19.74	34.544	4.98	24.50	344	344	0.0688
31	19.65	34.571	4.94	30	19.66	34.568	4.94	24.54	340	341	0.1031
50	19.65	34.523	4.79	50	19.65	34.523	4.79	24.50	343	344	0.1717
75	18.80	34.665	4.94	75	18.80	34.665	4.94	24.83	312	314	0.2542
100	17.04	34.669	4.67	100	17.04	34.669	4.67	25.26	271	274	0.3278
124	16.06	34.694	3.82								
BUSAN 852 , STATION 314-03 , 33-00.0. N, 127-06.0. E, DEC. 9, 1987, 05:05 KST, DEPTH 109 , COLOR , TRANS. , WAVE NW 4, SWELL NW 2, WIND NW 5 , BARO 1023.5, AIR TEMP. DRY 11.4, WET , CLOUD, TYPE AC, AMT 03, WEATHER BC											
0	19.72	34.701	4.89	0	19.72	34.701	4.89	24.62	332	332	0.0000
10	20.01	34.689	5.03	10	20.01	34.689	5.03	24.54	340	340	0.0336
20	20.93	34.626	4.74	20	20.93	34.626	4.74	24.24	368	368	0.0691
30	20.86	34.612	4.98	30	20.86	34.612	4.98	24.25	367	368	0.1059
50	20.28	34.650	5.03	50	20.28	34.650	5.03	24.44	350	351	0.1779
75	19.95	34.608	4.98	75	19.95	34.608	4.98	24.49	344	347	0.2653
100	19.24	34.612	4.74	100	19.24	34.612	4.74	24.68	327	330	0.3499
106	18.46	*****	****								
BUSAN 852 , STATION 314-04 , 33-00.0. N, 126-48.0. E, DEC. 9, 1987, 06:40 KST, DEPTH 107 , COLOR , TRANS. , WAVE NW 4, SWELL NW 2, WIND NW 5 , BARO 1024. , AIR TEMP. DRY 11.0, WET , CLOUD, TYPE AC, AMT 03, WEATHER BC											
0	20.90	34.626	4.89	0	20.90	34.626	4.89	24.25	367	367	0.0000

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
10	20.46	34.616	4.90	10	20.46	34.616	4.90	24.36	357	357	0.0362
20	20.14	34.627	4.94	20	20.14	34.627	4.94	24.46	348	348	0.0715
30	20.01	34.614	4.89	30	20.01	34.614	4.89	24.48	346	346	0.1063
49	20.03	34.621	4.94	50	20.03	34.621	4.94	24.48	346	347	0.1757
75	20.03	34.624	4.98	75	20.03	34.624	4.98	24.48	345	347	0.2626
100	16.91	34.640	4.58	100	16.91	34.640	4.58	25.27	270	273	0.3402
105	16.90	*****	****								

BUSAN 852 , STATION 314-05 , 33-00.0. N, 126-30.0. E, DEC. 9, 1987, 08:10 KST,
 DEPTH 103 , COLOR 3, TRANS. 12.0, WAVE NW 4, SWELL NW 2, WIND NW 4 , BARO 1024. ,
 AIR TEMP. DRY 12.0, WET , CLOUD, TYPE CI, AMT 03, WEATHER BC

0	18.94	34.355	4.95	0	18.94	34.355	4.95	24.56	338	338	0.0000
11	18.92	34.372	4.98	10	18.92	34.370	4.97	24.57	336	336	0.0337
21	18.85	34.335	4.89	20	18.85	34.338	4.89	24.57	337	338	0.0675
30	18.83	34.339	4.87	30	18.83	34.339	4.87	24.57	337	337	0.1013
51	18.77	*****	4.74	50	18.77	34.379	4.74	24.62	332	333	0.1684
75	18.74	34.420	4.68	75	18.74	34.420	4.68	24.66	329	331	0.2515
101	17.62	34.517	4.40	100	17.66	34.513	4.41	25.00	296	299	0.3304

BUSAN 852 , STATION 314-06 , 33-00.0. N, 126-12.0. E, DEC. 13, 1987, 09:00 KST,
 DEPTH 114 , COLOR 3, TRANS. 11.0, WAVE NW 4, SWELL NW 2, WIND NW 5 , BARO 1021.5,
 AIR TEMP. DRY 8.8, WET , CLOUD, TYPE AC, AMT 08, WEATHER C

0	18.81	34.665	4.94	0	18.81	34.665	4.94	24.83	312	312	0.0000
10	18.86	34.661	4.98	10	18.86	34.661	4.98	24.81	314	314	0.0313
21	18.88	34.638	5.08	20	18.87	34.640	5.07	24.79	316	316	0.0629
31	18.85	34.657	4.88	30	18.85	34.655	4.90	24.81	314	315	0.0945
49	18.53	34.588	4.74	50	18.51	34.587	4.73	24.84	311	312	0.1572
75	18.10	34.579	4.56	75	18.10	34.579	4.56	24.94	302	304	0.2344
100	17.72	34.551	4.21	100	17.72	34.551	4.21	25.01	295	298	0.3097

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 314-07 , 33-00.0. N, 125-54.0. E, DEC.13.1987, 10:30 KST,
 DEPTH 106 , COLOR 3, TRANS. 11.0, WAVE NW 4, SWELL NW 2, WIND NW 5 , BARO 1022. ,
 AIR TEMP. DRY 9.8, WET , CLOUD. TYPE NS, AMT 10, WEATHER C

0	18.99	34.636	5.18	0	18.99	34.636	5.18	24.76	319	319	0.0000
10	19.13	34.680	5.18	10	19.13	34.680	5.18	24.76	319	319	0.0319
20	19.09	34.666	5.03	20	19.09	34.666	5.03	24.76	319	319	0.0639
30	19.09	34.651	5.13	30	19.09	34.651	5.13	24.75	320	321	0.0959
50	19.09	34.646	4.94	50	19.09	34.646	4.94	24.74	321	322	0.1603
74	19.07	34.642	4.78	75	18.98	34.643	4.74	24.77	318	320	0.2407
100	16.87	34.675	3.82	100	16.87	34.675	3.82	25.31	267	269	0.3145

BUSAN 852 , STATION 314-08 , 33-00.0. N, 125-36.0. E, DEC.13.1987, 12:05 KST,
 DEPTH 103 , COLOR 3, TRANS. 11.0, WAVE NW 4, SWELL NW 2, WIND NW 5 , BARO 1022. ,
 AIR TEMP. DRY 8.8, WET , CLOUD. TYPE AC, AMT 07, WEATHER BC

0	17.78	34.419	5.18	0	17.78	34.419	5.18	24.90	306	306	0.0000
11	18.00	34.418	5.08	10	17.98	34.418	5.08	24.85	311	311	0.0308
20	17.97	34.426	5.03	20	17.97	34.426	5.03	24.85	310	310	0.0619
31	18.03	34.443	5.08	30	18.02	34.441	5.07	24.85	310	311	0.0930
50	18.26	34.465	5.13	50	18.26	34.465	5.13	24.81	314	315	0.1557
75	18.42	34.474	4.94	75	18.42	34.474	4.94	24.78	317	319	0.2350
100	17.31	34.584	3.87	100	17.31	34.584	3.87	25.14	283	286	0.3108

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 314-09 , 33-00.0. N, 125-18.0. E, DEC. 13, 1987, 13:35 KST,
 DEPTH 83 , COLOR 3, TRANS. 10.0, WAVE NW 4, SWELL NW 2, WIND NW 5 , BARO 1022. ,
 AIR TEMP. DRY 9.4, WET , CLOUD, TYPE AC, AMT 09, WEATHER C

0	17.46	34.230	5.08	0	17.46	34.230	5.08	24.83	312	312	0.0000
11	17.99	34.215	5.27	10	17.94	34.216	5.25	24.70	324	324	0.0318
21	17.99	34.216	4.94	20	17.99	34.215	4.97	24.69	326	326	0.0644
30	17.92	34.241	5.03	30	17.92	34.241	5.03	24.73	322	323	0.0969
50	17.94	34.220	4.89	50	17.94	34.220	4.89	24.70	324	325	0.1618
75	17.94	34.218	4.63	75	17.94	34.218	4.63	24.70	324	326	0.2434
81	17.93	*****	*****								

BUSAN 852 , STATION 314-10 , 33-00.0. N, 125-00.0. E, DEC. 13, 1987, 15:10 KST,
 DEPTH 85 , COLOR 4, TRANS. 6.0, WAVE NW 4, SWELL NW 2, WIND NW 5 , BARO 1023. ,
 AIR TEMP. DRY 9.7, WET , CLOUD, TYPE AC, AMT 08, WEATHER C

0	18.18	34.226	4.80	0	18.18	34.226	4.80	24.65	329	329	0.0000
9	18.19	34.228	4.65	10	18.17	34.228	4.65	24.65	329	329	0.0329
20	18.02	34.235	4.69	20	18.02	34.235	4.69	24.70	325	325	0.0657
31	17.86	34.259	4.94	30	17.87	34.256	4.91	24.75	320	321	0.0980
49	17.68	34.251	4.60	50	17.68	34.250	4.59	24.79	316	317	0.1619
75	17.68	34.230	4.50	75	17.68	34.230	4.50	24.78	317	319	0.2415
80	17.70	*****	*****								

西 海 海 洋 調 查 成 績
OCEANOGRAPHIC DATA : WESTERN WATERS

1 9 8 7



307 線 海洋觀測 成績 Oceanographic Data. Line 307

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

2 月(February)

IN CHEON 866 , STATION 307-03 , 36-56.5. N, 126-00.0. E, FEB.20.1987, 19:20 KST,
 DEPTH 37 , COLOR , TRANS. , WAVE N 3, SWELL N 1, WIND N 5 , BARO 1045. ,
 AIR TEMP. DRY 0.5, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	2.77	31.731	7.24	0	2.77	31.731	7.24	25.32	266	266	0.0000
10	2.79	31.584	7.19	10	2.79	31.584	7.19	25.20	277	277	0.0271
20	2.79	31.599	7.28	20	2.79	31.599	7.28	25.21	276	276	0.0548
30	2.78	31.584	7.22	30	2.78	31.584	7.22	25.20	277	277	0.0825

IN CHEON 866 , STATION 307-04 , 36-55.5. N, 125-37.7. E, FEB.21.1987, 14:40 KST,
 DEPTH 34 , COLOR 7, TRANS. 1.3, WAVE NW 3, SWELL NW 1, WIND NW 4 , BARO 1043. ,
 AIR TEMP. DRY 1.3, WET , CLOUD. TYPE AS, AMT 02, WEATHER B

0	2.58	31.565	7.44	0	2.58	31.565	7.44	25.20	277	277	0.0000
10	2.59	31.580	7.25	10	2.59	31.580	7.25	25.21	276	276	0.0276
20	2.59	31.584	7.34	20	2.59	31.584	7.34	25.21	276	275	0.0552
30	2.57	31.603	7.57	30	2.57	31.603	7.57	25.23	274	274	0.0827

IN CHEON 866 , STATION 307-05 , 36-55.5. N, 125-25.0. E, FEB.21.1987, 16:15 KST,
 DEPTH 54 , COLOR 6, TRANS. 3.5, WAVE NW 3, SWELL NW 1, WIND NW 4 , BARO 1043. ,
 AIR TEMP. DRY 2.8, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	3.23	31.761	7.35	0	3.23	31.761	7.35	25.30	267	267	0.0000
10	3.91	31.835	7.20	10	3.91	31.835	7.20	25.30	268	267	0.0267
20	3.69	32.047	7.39	20	3.69	32.047	7.39	25.49	250	249	0.0526
30	4.24	32.086	7.33	30	4.24	32.086	7.33	25.47	252	252	0.0777
50	3.92	32.016	7.45	50	3.92	32.016	7.45	25.44	254	254	0.1283

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 307-06 , 36-55.5. N, 125-12.5. E, FEB. 21. 1987, 17:40 KST,
 DEPTH 60 , COLOR , TRANS. , WAVE NW 4, SWELL NW 2, WIND NW 5 , BARO 1043. ,
 AIR TEMP. DRY 1.0, WET , CLOUD. TYPE AS, AMT 08, WEATHER C

0	4.37	32.210	7.34	0	4.37	32.210	7.34	25.55	244	243	0.0000
10	4.35	32.210	7.24	10	4.35	32.210	7.24	25.55	243	243	0.0243
20	4.33	32.241	7.38	20	4.33	32.241	7.38	25.58	241	241	0.0486
30	4.29	32.233	7.42	30	4.29	32.233	7.42	25.58	241	241	0.0727
50	4.27	32.241	7.45	50	4.27	32.241	7.45	25.59	240	240	0.1209
57	4.28	32.241	7.05								

IN CHEON 866 , STATION 307-07 , 36-55.5. N, 125-00.0. E, FEB. 21. 1987, 19:20 KST,
 DEPTH 57 , COLOR , TRANS. , WAVE NW 4, SWELL NW 2, WIND NW 4 , BARO , ,
 AIR TEMP. DRY 2.1, WET , CLOUD. TYPE CS, AMT 02, WEATHER B

0	4.36	32.272	7.44	0	4.36	32.272	7.44	25.60	239	239	0.0000
10	4.32	32.275	7.49	10	4.32	32.275	7.49	25.61	238	238	0.0238
20	4.28	32.278	7.24	20	4.28	32.278	7.24	25.61	238	237	0.0476
30	4.29	32.294	7.19	30	4.29	32.294	7.19	25.63	236	236	0.0714
50	4.29	32.313	7.43	50	4.29	32.313	7.43	25.64	235	235	0.1186

IN CHEON 866 , STATION 307-08 , 36-55.5. N, 124-47.5. E, FEB. 21. 1987, 20:55 KST,
 DEPTH 63 , COLOR , TRANS. , WAVE NW 4, SWELL NW 1, WIND NW 6 , BARO 1043. ,
 AIR TEMP. DRY 1.3, WET , CLOUD. TYPE , AMT , WEATHER B

0	4.27	32.278	7.36	0	4.27	32.278	7.36	25.62	237	237	0.0000
10	4.27	32.295	7.35	10	4.27	32.295	7.35	25.63	236	236	0.0237
20	4.25	32.325	7.22	20	4.25	32.325	7.22	25.65	234	234	0.0472
30	4.26	32.333	7.30	30	4.26	32.333	7.30	25.66	233	233	0.0706
50	4.48	32.344	7.35	50	4.48	32.344	7.35	25.65	235	235	0.1175
60	4.30	32.313	7.43								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 307-09 , 36-55.5. N, 124-34.8. E, FEB. 21. 1987, 22:30 KST,
 DEPTH 66 , COLOR , TRANS. , WAVE NW 4, SWELL NW 1, WIND NW 6 , BARO 1044. ,
 AIR TEMP. DRY 1.1, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	4. 71	32. 414	7. 16	0	4. 71	32. 414	7. 16	25. 68	232	231	0. 0000
10	4. 72	32. 534	7. 24	10	4. 72	32. 534	7. 24	25. 77	223	222	0. 0227
20	4. 72	32. 410	7. 15	20	4. 72	32. 410	7. 15	25. 67	232	232	0. 0455
30	4. 72	32. 425	7. 09	30	4. 72	32. 425	7. 09	25. 68	231	231	0. 0686
50	4. 74	32. 429	7. 04	50	4. 74	32. 429	7. 04	25. 69	231	231	0. 1149
63	4. 73	32. 420	7. 02								

IN CHEON 866 , STATION 307-10 , 36-55.5. N, 124-22.3. E, FEB. 22. 1987, 00:05 KST,
 DEPTH 76 , COLOR , TRANS. , WAVE NW 4, SWELL NW 1, WIND NW 4 , BARO 1043. ,
 AIR TEMP. DRY 1.8, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	5. 25	32. 538	7. 28	0	5. 25	32. 538	7. 28	25. 72	228	228	0. 0000
10	5. 25	32. 518	7. 24	10	5. 25	32. 518	7. 24	25. 70	229	229	0. 0228
20	5. 26	32. 511	7. 16	20	5. 26	32. 511	7. 16	25. 69	230	230	0. 0459
30	5. 26	32. 542	7. 10	30	5. 26	32. 542	7. 10	25. 72	228	228	0. 0688
50	5. 28	32. 496	7. 02	50	5. 28	32. 496	7. 02	25. 68	231	232	0. 1148
73	5. 28	32. 487	7. 06								

4 月(April)

IN CHEON 866 , STATION 307-03 , 36-56.5. N, 126-00.0. E, APR. 27. 1987, 16:45 KST,
 DEPTH 38 , COLOR 6, TRANS. 1.5, WAVE W 2, SWELL W 1, WIND W 1 , BARO 1038. ,
 AIR TEMP. DRY 8.4, WET , CLOUD. TYPE , AMT , WEATHER B

0	6. 33	31. 350	7. 00	0	6. 33	31. 350	7. 00	24. 65	329	329	0. 0000
10	6. 06	31. 410	7. 10	10	6. 06	31. 410	7. 10	24. 73	322	321	0. 0325
20	6. 07	31. 400	7. 20	20	6. 07	31. 400	7. 20	24. 72	322	322	0. 0647
30	6. 04	31. 360	7. 11	30	6. 04	31. 360	7. 11	24. 69	325	325	0. 0972
35	6. 03	31. 390	7. 11								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 307-04 , 36-55.5. N, 125-37.7. E, APR. 27. 1987, 19:10 KST,
 DEPTH 39 , COLOR 6, TRANS. 2.0, WAVE W 2, SWELL W 1, WIND W 2 , BARO 1038.5,
 AIR TEMP. DRY 7.8, WET , CLOUD. TYPE , AMT , WEATHER B

0	7.04	31.560	7.20	0	7.04	31.560	7.20	24.73	322	322	0.0000
10	6.11	31.540	7.28	10	6.11	31.540	7.28	24.83	312	312	0.0317
20	5.72	31.590	7.39	20	5.72	31.590	7.39	24.91	304	304	0.0626
30	5.64	31.610	7.27	30	5.64	31.610	7.27	24.94	302	302	0.0929
37	5.58	31.610	7.09								

IN CHEON 866 , STATION 307-05 , 36-55.5. N, 125-25.0. E, APR. 27. 1987, 20:40 KST,
 DEPTH 53 , COLOR , TRANS. , WAVE W 2, SWELL W 1, WIND W 2 , BARO 1040. ,
 AIR TEMP. DRY 7.4, WET , CLOUD. TYPE , AMT , WEATHER B

0	7.04	31.760	7.28	0	7.04	31.760	7.28	24.88	307	307	0.0000
10	6.28	31.760	7.30	10	6.28	31.760	7.30	24.98	298	298	0.0302
20	5.42	31.820	7.48	20	5.42	31.820	7.48	25.13	284	284	0.0593
30	5.29	31.830	7.00	30	5.29	31.830	7.00	25.15	282	281	0.0876
50	5.33	31.830	6.89	50	5.33	31.830	6.89	25.15	282	282	0.1441

IN CHEON 866 , STATION 307-06 , 36-55.5. N, 125-12.5. E, APR. 27. 1987, 22:15 KST,
 DEPTH 61 , COLOR , TRANS. , WAVE SW 2, SWELL SW 1, WIND SW 2 , BARO 1040.1,
 AIR TEMP. DRY 7.2, WET , CLOUD. TYPE , AMT , WEATHER B

0	7.20	31.790	7.32	0	7.20	31.790	7.32	24.89	307	307	0.0000
10	6.24	31.790	7.55	10	6.24	31.790	7.55	25.01	295	295	0.0301
20	5.70	32.020	7.50	20	5.70	32.020	7.50	25.25	272	272	0.0585
30	5.12	32.060	7.00	30	5.12	32.060	7.00	25.35	262	262	0.0852
50	5.10	32.060	7.08	50	5.10	32.060	7.08	25.35	262	262	0.1378
59	5.11	32.050	7.08								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 307-07 , 36-55.5. N, 125-00.0. E, APR. 27. 1987, 23:45 KST,
 DEPTH 60 , COLOR , TRANS. , WAVE SW 2, SWELL SW 1, WIND SW 2 , BARO 1040.2,
 AIR TEMP. DRY 7.1, WET , CLOUD. TYPE , AMT , WEATHER B

0	6.89	32.010	7.29	0	6.89	32.010	7.29	25.10	287	286	0.0000
10	5.97	32.050	7.39	10	5.97	32.050	7.39	25.25	273	272	0.0279
20	5.84	32.170	7.29	20	5.84	32.170	7.29	25.36	262	262	0.0547
30	4.99	32.120	7.19	30	4.99	32.120	7.19	25.41	257	257	0.0807
50	4.97	32.130	7.10	50	4.97	32.130	7.10	25.42	256	256	0.1320
58	5.00	32.140	7.06								

IN CHEON 866 , STATION 307-08 , 36-55.5. N, 124-47.5. E, APR. 28. 1987, 01:30 KST,
 DEPTH 64 , COLOR , TRANS. , WAVE SW 2, SWELL SW 1, WIND SW 2 , BARO 1040. ,
 AIR TEMP. DRY 7.0, WET , CLOUD. TYPE , AMT , WEATHER B

0	6.45	32.120	7.08	0	6.45	32.120	7.08	25.24	273	273	0.0000
10	5.92	32.140	7.03	10	5.92	32.140	7.03	25.32	265	265	0.0269
20	5.90	32.140	6.89	20	5.90	32.140	6.89	25.33	265	265	0.0534
30	5.52	32.170	6.79	30	5.52	32.170	6.79	25.39	259	258	0.0797
50	5.50	32.320	7.09	50	5.50	32.320	7.09	25.51	247	247	0.1303
62	5.49	32.250	7.10								

IN CHEON 866 , STATION 307-09 , 36-55.5. N, 124-34.8. E, APR. 28. 1987, 03:20 KST,
 DEPTH 68 , COLOR , TRANS. , WAVE SW 2, SWELL SW 1, WIND SW 2 , BARO 1039.4,
 AIR TEMP. DRY 6.9, WET , CLOUD. TYPE , AMT , WEATHER B

0	6.84	32.260	7.01	0	6.84	32.260	7.01	25.30	267	267	0.0000
10	6.25	32.260	7.00	10	6.25	32.260	7.00	25.38	260	260	0.0263
20	6.25	32.250	7.20	20	6.25	32.250	7.20	25.37	261	261	0.0524
30	6.02	32.260	7.10	30	6.02	32.260	7.10	25.41	257	257	0.0784
50	5.76	32.260	7.09	50	5.76	32.260	7.09	25.44	254	255	0.1297
65	5.77	32.290	7.09								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 307-10 , 36-55.5. N, 124-22.3. E, APR. 28, 1987, 05:05 KST,
 DEPTH 77 , COLOR , TRANS. , WAVE SW 2, SWELL SW 1, WIND SW 2 , BARO 1039. ,
 AIR TEMP, DRY 7.0, WET , CLOUD, TYPE , AMT , WEATHER B

0	6.58	32.170	7.10	0	6.58	32.170	7.10	25.26	271	270	0.0000
10	6.60	32.180	7.13	10	6.60	32.180	7.13	25.27	270	270	0.0270
20	6.49	32.220	7.27	20	6.49	32.220	7.27	25.32	266	266	0.0539
30	6.08	32.230	7.10	30	6.08	32.230	7.10	25.37	260	260	0.0802
50	6.08	32.240	7.09	50	6.08	32.240	7.09	25.38	260	260	0.1324
75	5.72	32.270	7.00	75	5.72	32.270	7.00	25.45	253	254	0.1967

6 月(June)

IN CHEON 866 , STATION 307-03 , 36-56.5. N, 126-00.0. E, JUN. 9, 1987, 12:55 KST,
 DEPTH 38 , COLOR 7, TRANS. 3.5, WAVE SW 2, SWELL SW 1, WIND SW 2 , BARO 1025. ,
 AIR TEMP, DRY 17.0, WET , CLOUD, TYPE , AMT 00, WEATHER B

0	12.17	31.336	6.99	0	12.17	31.336	6.99	23.73	417	416	0.0000
10	11.64	31.340	7.17	10	11.64	31.340	7.17	23.83	407	407	0.0412
20	11.48	31.374	6.88	20	11.48	31.374	6.88	23.89	402	402	0.0817
30	11.37	31.405	6.69	30	11.37	31.405	6.69	23.93	398	398	0.1217

IN CHEON 866 , STATION 307-04 , 36-55.5. N, 125-37.7. E, JUN. 9, 1987, 15:10 KST,
 DEPTH 34 , COLOR 6, TRANS. 4.3, WAVE SW 2, SWELL SW 1, WIND SW 2 , BARO 1025. ,
 AIR TEMP, DRY 17.8, WET , CLOUD, TYPE , AMT 00, WEATHER B

0	16.64	31.244	6.18	0	16.64	31.244	6.18	22.74	512	512	0.0000
10	12.02	31.618	7.28	10	12.02	31.618	7.28	23.98	393	393	0.0452
20	11.21	31.622	7.39	20	11.21	31.622	7.39	24.13	379	379	0.0839
30	11.15	31.622	6.77	30	11.15	31.622	6.77	24.14	378	378	0.1218

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 307-05 , 36-55.5. N, 125-25.0. E, JUN. 9. 1987, 16:30 KST,
 DEPTH 54 , COLOR 5, TRANS. 6.3, WAVE SW 2, SWELL SW 1, WIND SW 2 , BARO 1025. ,
 AIR TEMP. DRY 19.1, WET , CLOUD, TYPE , AMT 00, WEATHER B

0	15.65	31.676	6.79	0	15.65	31.676	6.79	23.29	459	459	0.0000
10	12.03	31.718	6.98	10	12.03	31.718	6.98	24.06	386	386	0.0422
20	10.38	31.691	6.44	20	10.38	31.691	6.44	24.33	360	360	0.0796
30	9.81	31.676	6.28	30	9.81	31.676	6.28	24.41	352	353	0.1153
50	9.55	31.668	6.69	50	9.55	31.668	6.69	24.44	349	349	0.1856

IN CHEON 866 , STATION 307-06 , 36-55.5. N, 125-12.5. E, JUN. 9. 1987, 18:00 KST,
 DEPTH 59 , COLOR 5, TRANS. 7.4, WAVE SW 2, SWELL SW 1, WIND SW 2 , BARO 1025. ,
 AIR TEMP. DRY , WET 19.7, CLOUD, TYPE , AMT 00, WEATHER B

0	16.68	31.742	6.08	0	16.68	31.742	6.08	23.11	476	476	0.0000
10	11.84	31.792	6.40	10	11.84	31.792	6.40	24.15	377	377	0.0427
20	9.49	31.800	6.88	20	9.49	31.800	6.88	24.56	338	338	0.0785
30	8.47	31.830	6.08	30	8.47	31.830	6.08	24.74	321	321	0.1115
50	8.01	31.815	6.11	50	8.01	31.815	6.11	24.79	316	316	0.1753

IN CHEON 866 , STATION 307-07 , 36-55.5. N, 125-00.0. E, JUN. 9. 1987, 19:50 KST,
 DEPTH 57 , COLOR , TRANS. , WAVE W 2, SWELL W 1, WIND W 2 , BARO 1025.5,
 AIR TEMP. DRY 16.5, WET , CLOUD, TYPE , AMT 00, WEATHER B

0	15.43	31.729	5.89	0	15.43	31.729	5.89	23.38	451	450	0.0000
10	13.95	31.738	5.68	10	13.95	31.738	5.68	23.70	420	420	0.0435
20	10.77	31.838	6.47	20	10.77	31.838	6.47	24.37	356	356	0.0824
30	8.75	31.857	6.50	30	8.75	31.857	6.50	24.72	323	323	0.1164
50	6.70	31.921	7.19	50	6.70	31.921	7.19	25.05	291	291	0.1779

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
IN CHEON 866 , STATION 307-08 , 36-55.5. N, 124-47.5. E, JUN. 9. 1987, 21:30 KST,											
DEPTH 62 , COLOR , TRANS.											
AIR TEMP. DRY 16.7, WET											
0	16.87	31.668	5.68	0	16.87	31.668	5.68	23.01	486	486	0.0000
10	14.28	31.703	6.77	10	14.28	31.703	6.77	23.60	429	429	0.0457
20	10.83	31.718	7.60	20	10.83	31.718	7.60	24.27	366	366	0.0855
30	6.83	31.883	6.40	30	6.83	31.883	6.40	25.01	295	295	0.1186
50	6.20	31.964	6.48	50	6.20	31.964	6.48	25.15	282	282	0.1764
60	6.17	31.964	6.30								
IN CHEON 866 , STATION 307-09 , 36-55.5. N, 124-34.8. E, JUN. 9. 1987, 23:20 KST,											
DEPTH 67 , COLOR , TRANS.											
AIR TEMP. DRY 16.7, WET											
0	16.38	31.576	5.96	0	16.38	31.576	5.96	23.05	482	482	0.0000
10	15.14	31.634	6.01	10	15.14	31.634	6.01	23.37	452	451	0.0467
20	6.51	31.937	6.87	20	6.51	31.937	6.87	25.09	287	287	0.0836
30	6.09	32.014	7.00	30	6.09	32.014	7.00	25.20	277	277	0.1119
50	5.95	32.068	7.48	50	5.95	32.068	7.48	25.26	271	271	0.1668
65	5.95	32.064	7.12								
IN CHEON 866 , STATION 307-10 , 36-55.5. N, 124-22.3. E, JUN. 10. 1987, 01:00 KST,											
DEPTH 76 , COLOR , TRANS.											
AIR TEMP. DRY 17.0, WET											
0	16.78	31.765	6.30	0	16.78	31.765	6.30	23.10	477	477	0.0000
10	15.46	31.792	6.38	10	15.46	31.792	6.38	23.42	447	447	0.0462
20	8.30	32.223	7.29	20	8.30	32.223	7.29	25.07	289	289	0.0830
30	6.18	32.230	6.68	30	6.18	32.230	6.68	25.36	262	262	0.1106
50	6.14	32.231	6.51	50	6.14	32.231	6.51	25.37	261	261	0.1630
74	6.16	32.234	7.08								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

8月(August)

IN CHEON 866 , STATION 307-03 , 36-56.5. N, 126-00.0. E, AUG. 10, 1987, 08:25 KST,
 DEPTH 39 , COLOR 6, TRANS. 2.6, WAVE SE 3, SWELL SE 1, WIND SE 4 , BARO 1016.5,
 AIR TEMP. DRY 22.8, WET , CLOUD. TYPE CU, AMT 05, WEATHER F

0	19.69	30.920	5.68	0	19.69	30.920	5.68	21.75	606	606	0.0000
10	19.42	30.960	5.79	10	19.42	30.960	5.79	21.85	596	596	0.0601
20	19.30	30.950	5.51	20	19.30	30.950	5.51	21.88	594	594	0.1197
30	19.31	30.850	5.48	30	19.31	30.850	5.48	21.80	602	602	0.1796
37	19.29	30.930	5.49								

IN CHEON 866 , STATION 307-04 , 36-55.5. N, 125-37.7. E, AUG. 10, 1987, 10:30 KST,
 DEPTH 36 , COLOR 6, TRANS. 5.5, WAVE SE 3, SWELL SE 1, WIND SE 4 , BARO 1017.3,
 AIR TEMP. DRY 24.5, WET , CLOUD. TYPE CU, AMT 05, WEATHER F

0	21.34	30.980	5.49	0	21.34	30.980	5.49	21.37	643	643	0.0000
10	20.67	30.930	5.74	10	20.67	30.930	5.74	21.51	629	629	0.0636
20	20.16	30.870	5.34	20	20.16	30.870	5.34	21.60	621	621	0.1262
30	19.78	30.870	5.55	30	19.78	30.870	5.55	21.69	612	612	0.1879

IN CHEON 866 , STATION 307-05 , 36-55.5. N, 125-25.0. E, AUG. 10, 1987, 12:00 KST,
 DEPTH 52 , COLOR 5, TRANS. 5.5, WAVE SE 3, SWELL SE 1, WIND SE 4 , BARO 1016. ,
 AIR TEMP. DRY 24.5, WET , CLOUD. TYPE CU, AMT 04, WEATHER BC

0	22.85	30.290	5.38	0	22.85	30.290	5.38	20.43	733	732	0.0000
10	18.83	31.430	5.59	10	18.83	31.430	5.59	22.36	548	548	0.0640
20	18.15	31.400	5.58	20	18.15	31.400	5.58	22.50	534	535	0.1182
30	17.25	31.450	5.18	30	17.25	31.450	5.18	22.75	510	511	0.1705
50	11.86	31.970	5.49	50	11.86	31.970	5.49	24.28	364	365	0.2582

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
IN CHEON 866 , STATION 307-06 , 36-55.5. N, 125-12.5. E, AUG. 10. 1987, 13:50 KST,											
DEPTH 59 , COLOR 4, TRANS. 9.0, WAVE SE 3, SWELL SE 1, WIND SE 3 , BARO 1016.3,											
AIR TEMP. DRY 23.9, WET , CLOUD, TYPE CU, AMT 06, WEATHER BC											
0	23.04	30.690	5.39	0	23.04	30.690	5.39	20.68	709	709	0.0000
10	19.56	30.920	5.40	10	19.56	30.920	5.40	21.79	603	603	0.0656
20	17.07	31.550	5.35	20	17.07	31.550	5.35	22.87	499	499	0.1207
30	15.40	31.760	5.29	30	15.40	31.760	5.29	23.41	448	448	0.1681
50	10.09	31.750	5.21	50	10.09	31.750	5.21	24.42	351	352	0.2482
IN CHEON 866 , STATION 307-07 , 36-55.5. N, 125-00.0. E, AUG. 10. 1987, 15:25 KST,											
DEPTH 58 , COLOR 4, TRANS. 8.5, WAVE SE 3, SWELL SE 1, WIND SE 3 , BARO 1015.5,											
AIR TEMP. DRY 24.4, WET , CLOUD, TYPE CU, AMT 05, WEATHER BC											
0	22.97	30.180	5.58	0	22.97	30.180	5.58	20.32	744	744	0.0000
10	20.23	30.950	5.57	10	20.23	30.950	5.57	21.64	617	617	0.0680
20	17.32	31.460	5.48	20	17.32	31.460	5.48	22.75	511	511	0.1245
30	15.02	31.890	5.38	30	15.02	31.890	5.38	23.59	430	431	0.1716
50	9.77	32.110	5.58	50	9.77	32.110	5.58	24.75	320	320	0.2468
IN CHEON 866 , STATION 307-08 , 36-55.5. N, 124-47.5. E, AUG. 10. 1987, 17:05 KST,											
DEPTH 64 , COLOR 4, TRANS. 7.8, WAVE SE 3, SWELL SE 1, WIND SE 3 , BARO 1015.8,											
AIR TEMP. DRY 24.4, WET , CLOUD, TYPE , AMT 00, WEATHER B											
0	23.00	29.813	5.49	0	23.00	29.813	5.49	20.03	771	771	0.0000
10	21.52	30.630	5.67	10	21.52	30.630	5.67	21.06	673	673	0.0722
20	17.82	31.973	5.47	20	17.82	31.973	5.47	23.02	485	485	0.1301
30	12.15	32.154	5.41	30	12.15	32.154	5.41	24.37	356	356	0.1723
50	7.79	32.248	5.78	50	7.79	32.248	5.78	25.16	281	281	0.2361
62	7.77	32.224	5.88								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 307-09 , 36-55.5. N, 124-34.8. E, AUG. 10, 1987, 18:40 KST,
 DEPTH 69 , COLOR 3, TRANS. 13.0, WAVE S 3, SWELL S 1, WIND S 3 , BARO 1016.2,
 AIR TEMP. DRY 23.3, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	24.70	31.050	4.99	0	24.70	31.050	4.99	20.47	729	729	0.0000
10	23.47	31.077	4.64	10	23.47	31.077	4.64	20.85	693	693	0.0711
20	17.42	32.210	4.74	20	17.42	32.210	4.74	23.29	459	459	0.1287
30	8.63	32.180	5.49	30	8.63	32.180	5.49	24.99	297	297	0.1665
50	7.50	32.270	4.77	50	7.50	32.270	4.77	25.22	275	275	0.2239
65	7.39	32.380	5.81								

IN CHEON 866 , STATION 307-10 , 36-55.5. N, 124-22.3. E, AUG. 10, 1987, 20:15 KST,
 DEPTH 76 , COLOR , TRANS. , WAVE S 3, SWELL S 1, WIND S 3 , BARO 1016.5,
 AIR TEMP. DRY 23.9, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	24.53	30.060	5.29	0	24.53	30.060	5.29	19.78	796	795	0.0000
10	22.78	31.750	5.28	10	22.78	31.750	5.28	21.55	625	625	0.0710
20	21.06	32.110	5.58	20	21.06	32.110	5.58	22.30	554	554	0.1300
30	16.26	32.420	5.96	30	16.26	32.420	5.96	23.72	418	418	0.1787
50	7.24	32.600	6.07	50	7.24	32.600	6.07	25.52	247	247	0.2453
74	7.23	32.590	6.18								

10月(October)

IN CHEON 866 , STATION 307-03 , 36-56.5. N, 126-00.0. E, OCT. 12, 1987, 13:20 KST,
 DEPTH 38 , COLOR 7, TRANS. 5.0, WAVE NE 3, SWELL NE 1, WIND NE 4 , BARO 1019.5,
 AIR TEMP. DRY 20.8, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	19.78	30.507	6.49	0	19.78	30.507	6.49	21.42	638	638	0.0000
10	19.78	30.442	6.42	10	19.78	30.442	6.42	21.37	643	643	0.0640
20	19.80	30.507	6.47	20	19.80	30.507	6.47	21.41	639	639	0.1282
30	19.65	30.477	5.95	30	19.65	30.477	5.95	21.43	638	638	0.1920
36	19.60	30.473	5.60								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 307-04 , 36-55.5. N, 125-37.7. E, OCT. 22, 1987, 20:35 KST,
 DEPTH 35 , COLOR , TRANS. , WAVE NW 3, SWELL NW 1, WIND NW 4 , BARO 1027.7,
 AIR TEMP. DRY 13.5, WET , CLOUD, TYPE , AMT 00, WEATHER B

0	16.93	31.177	6.66	0	16.93	31.177	6.66	22.62	523	523	0.0000
10	16.96	31.358	6.48	10	16.96	31.358	6.48	22.75	510	510	0.0517
20	16.44	31.293	6.27	20	16.44	31.293	6.27	22.82	504	504	0.1024
30	16.25	31.347	5.92	30	16.25	31.347	5.92	22.90	496	496	0.1525

IN CHEON 866 , STATION 307-05 , 36-55.5. N, 125-25.0. E, OCT. 22, 1987, 22:30 KST,
 DEPTH 52 , COLOR , TRANS. , WAVE NW 3, SWELL NW 1, WIND NW 4 , BARO 1027.5,
 AIR TEMP. DRY 13.1, WET , CLOUD, TYPE , AMT 00, WEATHER B

0	16.42	30.830	6.23	0	16.42	30.830	6.23	22.47	537	537	0.0000
10	16.50	30.822	6.29	10	16.50	30.822	6.29	22.45	540	540	0.0538
20	15.97	31.509	5.97	20	15.97	31.509	5.97	23.09	478	478	0.1048
30	13.51	31.949	5.70	30	13.51	31.949	5.70	23.95	396	397	0.1486
50	12.84	32.057	6.02	50	12.84	32.057	6.02	24.16	376	376	0.2260

IN CHEON 866 , STATION 307-06 , 36-55.5. N, 125-12.5. E, OCT. 22, 1987, 23:50 KST,
 DEPTH 60 , COLOR , TRANS. , WAVE NW 3, SWELL NW 1, WIND NW 4 , BARO 1027.3,
 AIR TEMP. DRY 12.7, WET , CLOUD, TYPE , AMT 00, WEATHER B

0	16.89	31.617	6.52	0	16.89	31.617	6.52	22.97	490	490	0.0000
10	16.83	31.605	6.30	10	16.83	31.605	6.30	22.97	490	490	0.0490
20	16.89	31.586	6.21	20	16.89	31.586	6.21	22.94	492	493	0.0981
30	16.46	31.640	6.18	30	16.46	31.640	6.18	23.08	479	479	0.1468
50	16.74	31.727	6.28	50	16.74	31.727	6.28	23.08	479	480	0.2428
58	15.34	32.092	6.48								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 307-07 , 36-55.5. N, 125-00.0. E, OCT. 23. 1987, 01:45 KST,
 DEPTH 61 , COLOR , TRANS. , WAVE NW 3, SWELL NW 1, WIND NW 4 , BARO 1029.4,
 AIR TEMP. DRY 7.9, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	16.80	31.771	6.45	0	16.80	31.771	6.45	23.10	477	477	0.0000
10	16.73	31.783	6.50	10	16.73	31.783	6.50	23.13	474	474	0.0475
20	16.77	31.785	6.64	20	16.77	31.785	6.64	23.12	475	475	0.0951
30	16.63	31.790	6.29	30	16.63	31.790	6.29	23.16	472	472	0.1425
50	14.45	32.134	6.09	50	14.45	32.134	6.09	23.90	401	402	0.2300
59	9.10	32.157	6.29								

IN CHEON 866 , STATION 307-08 , 36-55.5. N, 124-47.5. E, OCT. 23. 1987, 03:50 KST,
 DEPTH 60 , COLOR , TRANS. , WAVE NW 3, SWELL NW 1, WIND NW 4 , BARO 1029.1,
 AIR TEMP. DRY 13.9, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	16.83	31.794	6.40	0	16.83	31.794	6.40	23.11	476	475	0.0000
10	16.74	31.790	6.48	10	16.74	31.790	6.48	23.13	474	474	0.0475
20	16.78	31.813	6.59	20	16.78	31.813	6.59	23.14	473	474	0.0949
30	16.67	31.871	6.58	30	16.67	31.871	6.58	23.21	467	467	0.1420
50	9.33	32.134	6.58	50	9.33	32.134	6.58	24.84	311	312	0.2200
58	8.86	32.192	6.48								

IN CHEON 866 , STATION 307-09 , 36-55.5. N, 124-34.8. E, OCT. 23. 1987, 05:25 KST,
 DEPTH 65 , COLOR , TRANS. , WAVE SW 3, SWELL SW 1, WIND SW 4 , BARO 1027. ,
 AIR TEMP. DRY 14.3, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	17.58	31.825	6.30	0	17.58	31.825	6.30	22.96	490	490	0.0000
10	17.55	31.810	6.41	10	17.55	31.810	6.41	22.96	491	491	0.0490
20	17.60	31.810	6.40	20	17.60	31.810	6.40	22.95	492	492	0.0982
30	8.19	32.111	6.61	30	8.19	32.111	6.61	25.00	296	296	0.1377
50	8.17	32.112	6.59	50	8.17	32.112	6.59	25.00	296	296	0.1971
62	8.16	32.107	6.48								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 307-10 , 36-55.5. N, 124-22.3. E, OCT. 23. 1987, 09:20 KST,
 DEPTH 76 , COLOR 3, TRANS. 18.0, WAVE SW 3, SWELL SW 1, WIND SW 3 , BARO 1025. ,
 AIR TEMP. DRY 14.7, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	16.96	31.775	6.30	0	16.96	31.775	6.30	23.07	480	480	0.0000
10	16.91	31.779	6.49	10	16.91	31.779	6.49	23.08	479	479	0.0479
20	16.94	31.790	6.68	20	16.94	31.790	6.68	23.09	479	479	0.0958
30	15.20	31.879	6.69	30	15.20	31.879	6.69	23.54	435	435	0.1416
50	7.25	32.115	6.58	50	7.25	32.115	6.58	25.13	283	284	0.2136
74	7.25	32.103	6.93								

12月(December)

IN CHEON 866 , STATION 307-03 , 36-56.5. N, 126-00.0. E, DEC. 9. 1987, 13:10 KST,
 DEPTH 36 , COLOR 8, TRANS. 1.0, WAVE S 3, SWELL S 1, WIND S 4 , BARO 1031. ,
 AIR TEMP. DRY 9.8, WET , CLOUD. TYPE CU, AMT 03, WEATHER BC

0	10.65	31.314	7.89	0	10.65	31.314	7.89	23.99	392	392	0.0000
10	10.03	31.354	7.59	10	10.03	31.354	7.59	24.12	380	379	0.0386
20	10.02	31.314	7.28	20	10.02	31.314	7.28	24.09	382	382	0.0767
30	10.01	31.291	6.81	30	10.01	31.291	6.81	24.08	384	384	0.1151

IN CHEON 866 , STATION 307-04 , 36-55.5. N, 125-37.7. E, DEC. 9. 1987, 16:20 KST,
 DEPTH 31 , COLOR 5, TRANS. 4.0, WAVE S 3, SWELL S 1, WIND S 4 , BARO 1031. ,
 AIR TEMP. DRY 9.3, WET , CLOUD. TYPE CU, AMT 01, WEATHER B

0	10.28	31.638	7.74	0	10.28	31.638	7.74	24.30	363	362	0.0000
10	9.53	31.715	7.36	10	9.53	31.715	7.36	24.48	345	345	0.0354
20	10.01	31.757	7.22	20	10.01	31.757	7.22	24.44	349	349	0.0701
29	9.99	31.885	6.83								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 307-05 , 36-55.5. N, 125-25.0. E, DEC. 9.1987, 18:40 KST,
 DEPTH 55 , COLOR , TRANS. , WAVE SW 3, SWELL SW 1, WIND SW 4 , BARO 1030. ,
 AIR TEMP. DRY 8.0, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	9.79	31.970	7.48	0	9.79	31.970	7.48	24.64	330	330	0.0000
10	9.80	31.962	7.21	10	9.80	31.962	7.21	24.63	331	331	0.0330
20	9.91	32.043	6.78	20	9.91	32.043	6.78	24.68	327	327	0.0660
30	9.94	32.043	6.69	30	9.94	32.043	6.69	24.67	327	327	0.0987
50	9.92	32.097	6.49	50	9.92	32.097	6.49	24.72	323	323	0.1639

IN CHEON 866 , STATION 307-06 , 36-55.5. N, 125-12.5. E, DEC. 9.1987, 20:05 KST,
 DEPTH 60 , COLOR , TRANS. , WAVE SW 3, SWELL SW 1, WIND SW 4 , BARO 1030. ,
 AIR TEMP. DRY 8.1, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	9.69	31.985	7.47	0	9.69	31.985	7.47	24.67	328	327	0.0000
10	9.69	32.063	7.23	10	9.69	32.063	7.23	24.73	322	322	0.0324
20	9.65	31.966	7.08	20	9.65	31.966	7.08	24.66	328	328	0.0650
30	9.78	32.063	6.77	30	9.78	32.063	6.77	24.71	323	323	0.0976
50	9.77	32.109	6.79	50	9.77	32.109	6.79	24.75	320	320	0.1621
58	9.78	32.221	6.56								

IN CHEON 866 , STATION 307-07 , 36-55.5. N, 125-00.0. E, DEC. 9.1987, 21:30 KST,
 DEPTH 56 , COLOR , TRANS. , WAVE SW 3, SWELL SW 1, WIND SW 4 , BARO 1030. ,
 AIR TEMP. DRY 8.5, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	9.58	32.163	7.98	0	9.58	32.163	7.98	24.83	313	312	0.0000
10	9.57	32.121	7.89	10	9.57	32.121	7.89	24.79	316	315	0.0314
20	9.58	32.101	7.21	20	9.58	32.101	7.21	24.78	317	317	0.0631
30	9.60	32.109	6.78	30	9.60	32.109	6.78	24.78	317	317	0.0949
50	9.56	32.237	6.79	50	9.56	32.237	6.79	24.89	307	307	0.1574
54	9.55	32.197	6.49								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 307-08 , 36-55.5. N, 124-47.5. E, DEC. 9.1987, 23:00 KST,
 DEPTH 63 , COLOR , TRANS. , WAVE SW 4, SWELL SW 1, WIND SW 4 , BARO 1027. ,
 AIR TEMP. DRY 8.9, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	8.86	31.680	7.84	0	8.86	31.680	7.84	24.56	338	337	0.0000
10	8.84	31.680	7.70	10	8.84	31.680	7.70	24.56	337	337	0.0337
20	8.81	31.757	7.19	20	8.81	31.757	7.19	24.63	331	331	0.0672
30	8.99	32.179	6.89	30	8.99	32.179	6.89	24.93	303	303	0.0990
50	8.97	32.155	6.80	50	8.97	32.155	6.80	24.92	304	305	0.1598
61	8.97	32.148	6.32								

IN CHEON 866 , STATION 307-09 , 36-55.5. N, 124-34.8. E, DEC.10.1987, 00:35 KST,
 DEPTH 65 , COLOR , TRANS. , WAVE SW 4, SWELL SW 1, WIND SW 5 , BARO 1027. ,
 AIR TEMP. DRY 8.8, WET , CLOUD. TYPE AC, AMT 03, WEATHER BC

0	9.43	31.889	7.89	0	9.43	31.889	7.89	24.64	331	330	0.0000
10	9.47	31.889	7.68	10	9.47	31.889	7.68	24.63	331	331	0.0331
20	9.47	31.908	7.41	20	9.47	31.908	7.41	24.64	330	330	0.0662
30	9.64	31.966	6.95	30	9.64	31.966	6.95	24.66	328	328	0.0992
50	9.67	32.422	6.76	50	9.67	32.422	6.76	25.01	295	295	0.1616
63	9.56	32.473	6.68								

IN CHEON 866 , STATION 307-10 , 36-55.5. N, 124-22.3. E, DEC.10.1987, 02:10 KST,
 DEPTH 67 , COLOR , TRANS. , WAVE SW 4, SWELL SW 1, WIND SW 5 , BARO 1025. ,
 AIR TEMP. DRY 8.3, WET , CLOUD. TYPE AC, AMT 03, WEATHER BC

0	9.98	32.136	7.87	0	9.98	32.136	7.87	24.74	321	321	0.0000
10	10.00	32.136	7.71	10	10.00	32.136	7.71	24.74	321	321	0.0321
20	9.99	32.128	7.39	20	9.99	32.128	7.39	24.73	322	322	0.0643
30	9.44	32.155	7.01	30	9.44	32.155	7.01	24.84	311	311	0.0960
50	9.23	32.407	6.69	50	9.23	32.407	6.69	25.07	289	290	0.1562
65	9.24	32.411	6.51								

308 線 海洋觀測 成績 Oceanographic Data. Line 308

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

2 月(February)

IN CHEON 866 , STATION 308-01 , 36-19.8. N, 126-14.4. E, FEB.22.1987, 18:30 KST,
 DEPTH 20 , COLOR 6, TRANS. 1.8, WAVE SE 3, SWELL SE 1, WIND SE 3 , BARO 1035. ,
 AIR TEMP. DRY 3.7, WET , CLOUD. TYPE AS, AMT 02, WEATHER B

0	4.45	32.202	7.39	0	4.45	32.202	7.39	25.54	245	245	0.0000
10	4.44	31.989	7.27	10	4.44	31.989	7.27	25.37	261	261	0.0253
18	4.44	32.020	7.10								

IN CHEON 866 , STATION 308-02 , 36-19.8. N, 126-02.3. E, FEB.22.1987, 17:10 KST,
 DEPTH 27 , COLOR 5, TRANS. 3.0, WAVE SE 3, SWELL SE 1, WIND SE 2 , BARO 1036. ,
 AIR TEMP. DRY 4.8, WET , CLOUD. TYPE , AMT 01, WEATHER B

0	4.61	31.978	7.32	0	4.61	31.978	7.32	25.34	263	263	0.0000
10	5.03	32.101	7.18	10	5.03	32.101	7.18	25.39	258	258	0.0261
20	4.39	32.156	7.09	20	4.39	32.156	7.09	25.51	248	248	0.0514
25	4.39	32.192	6.94								

IN CHEON 866 , STATION 308-03 , 36-19.8. N, 125-50.0. E, FEB.22.1987, 15:40 KST,
 DEPTH 48 , COLOR 5, TRANS. 5.0, WAVE S 3, SWELL S 1, WIND S 2 , BARO 1036. ,
 AIR TEMP. DRY 5.8, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	4.34	31.873	7.58	0	4.34	31.873	7.58	25.29	269	268	0.0000
10	4.19	32.032	7.46	10	4.19	32.032	7.46	25.43	255	255	0.0262
20	4.05	31.873	7.39	20	4.05	31.873	7.39	25.32	266	266	0.0523
30	4.05	31.904	7.33	30	4.05	31.904	7.33	25.34	264	263	0.0788
45	4.24	32.120	7.28								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 308-04 , 36-19.8. N, 125-37.0. E, FEB. 22. 1987, 14:15 KST,
 DEPTH 49 , COLOR 4, TRANS. 7.5, WAVE S 3, SWELL S 1, WIND S 3 , BARO 1036. ,
 AIR TEMP. DRY 5.2, WET , CLOUD. TYPE , AMT 00. WEATHER B

0	4.95	32.085	7.47	0	4.95	32.085	7.47	25.39	259	258	0.0000
10	4.48	32.090	7.33	10	4.48	32.090	7.33	25.44	254	253	0.0256
20	4.46	32.120	7.27	20	4.46	32.120	7.27	25.47	251	251	0.0509
30	4.49	32.179	7.14	30	4.49	32.179	7.14	25.51	247	247	0.0758
47	4.49	32.067	7.06								

IN CHEON 866 , STATION 308-05 , 36-19.8. N, 125-25.3. E, FEB. 22. 1987, 12:40 KST,
 DEPTH 52 , COLOR 4, TRANS. 6.4, WAVE S 3, SWELL S 1, WIND S 3 , BARO 1037. ,
 AIR TEMP. DRY 4.7, WET , CLOUD. TYPE , AMT 00. WEATHER B

0	4.51	32.043	7.46	0	4.51	32.043	7.46	25.40	258	257	0.0000
10	4.17	32.036	7.18	10	4.17	32.036	7.18	25.43	255	255	0.0256
20	4.30	32.117	7.23	20	4.30	32.117	7.23	25.48	250	250	0.0509
30	4.34	32.159	7.05	30	4.34	32.159	7.05	25.51	247	247	0.0757
50	4.34	32.140	6.97	50	4.34	32.140	6.97	25.50	249	249	0.1254

IN CHEON 866 , STATION 308-06 , 36-19.8. N, 125-12.4. E, FEB. 22. 1987, 11:05 KST,
 DEPTH 57 , COLOR 5, TRANS. 11.0, WAVE S 3, SWELL S 1, WIND S 3 , BARO 1038. ,
 AIR TEMP. DRY 3.8, WET , CLOUD. TYPE , AMT 00. WEATHER B

0	4.81	32.321	7.59	0	4.81	32.321	7.59	25.59	240	239	0.0000
10	4.65	32.317	7.26	10	4.65	32.317	7.26	25.61	238	238	0.0239
20	4.68	32.317	7.20	20	4.68	32.317	7.20	25.60	239	238	0.0477
30	4.74	32.313	7.16	30	4.74	32.313	7.16	25.59	239	239	0.0717
50	4.74	32.284	7.18	50	4.74	32.284	7.18	25.57	242	242	0.1199

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 308-07 , 36-19.8. N, 125-00.0. E, FEB.22.1987, 09:30 KST,
 DEPTH 67 , COLOR 4, TRANS. 9.4, WAVE SW 3, SWELL SW 1, WIND SW 3 , BARO 1037. ,
 AIR TEMP. DRY 4.8, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	4.68	32.282	7.69	0	4.68	32.282	7.69	25.58	241	241	0.0000
10	4.68	32.321	7.58	10	4.68	32.321	7.58	25.61	238	238	0.0239
20	4.70	32.278	7.33	20	4.70	32.278	7.33	25.57	242	242	0.0480
30	4.78	32.251	7.20	30	4.78	32.251	7.20	25.54	245	245	0.0723
50	4.84	32.367	7.27	50	4.84	32.367	7.27	25.63	236	237	0.1205
65	4.83	32.325	6.78								

IN CHEON 866 , STATION 308-08 , 36-19.8. N, 124-47.5. E, FEB.22.1987, 07:50 KST,
 DEPTH 76 , COLOR , TRANS. , WAVE SW 3, SWELL SW 1, WIND SW 3 , BARO 1037. ,
 AIR TEMP. DRY 3.2, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	5.29	32.449	7.56	0	5.29	32.449	7.56	25.64	235	235	0.0000
10	5.28	32.584	7.38	10	5.28	32.584	7.38	25.75	225	225	0.0230
20	5.27	32.511	7.28	20	5.27	32.511	7.28	25.69	230	230	0.0457
30	5.26	32.464	7.39	30	5.26	32.464	7.39	25.66	234	234	0.0690
50	5.26	32.472	7.30	50	5.26	32.472	7.30	25.66	233	233	0.1158
73	5.27	32.503	7.32								

IN CHEON 866 , STATION 308-09 , 36-19.8. N, 124-35.1. E, FEB.22.1987, 06:20 KST,
 DEPTH 84 , COLOR , TRANS. , WAVE SW 3, SWELL SW 1, WIND SW 4 , BARO 1037. ,
 AIR TEMP. DRY 2.8, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	5.74	32.540	7.42	0	5.74	32.540	7.42	25.66	233	233	0.0000
10	5.75	32.553	7.38	10	5.75	32.553	7.38	25.67	232	232	0.0233
20	5.76	32.552	7.35	20	5.76	32.552	7.35	25.67	233	232	0.0465
30	5.75	32.549	7.38	30	5.75	32.549	7.38	25.67	233	233	0.0698
50	5.76	32.522	7.37	50	5.76	32.522	7.37	25.64	235	235	0.1167
75	5.76	32.530	7.36	75	5.76	32.530	7.36	25.65	234	235	0.1755

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 308-10 , 36-19.8. N. 124-23.0. E, FEB. 22, 1987, 04:40 KST,
 DEPTH 81 , COLOR , TRANS. , WAVE SW 3, SWELL SW 1, WIND SW 4 , BARO 1037. ,
 AIR TEMP. DRY 2.3, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	5.89	32.565	7.38	0	5.89	32.565	7.38	25.66	233	233	0.0000
10	5.89	32.584	7.38	10	5.89	32.584	7.38	25.68	232	231	0.0232
20	5.89	32.582	7.46	20	5.89	32.582	7.46	25.68	232	232	0.0464
30	5.89	32.583	7.38	30	5.89	32.583	7.38	25.68	232	232	0.0696
50	5.90	32.573	7.28	50	5.90	32.573	7.28	25.67	233	233	0.1162
75	5.90	32.566	7.00	75	5.90	32.566	7.00	25.66	233	234	0.1746

4 月 (April)

IN CHEON 866 , STATION 308-01 , 36-19.8. N. 126-14.4. E, APR. 28, 1987, 23:30 KST,
 DEPTH 21 , COLOR , TRANS. , WAVE SE 2, SWELL SE 1, WIND SE 2 , BARO 1036. 7,
 AIR TEMP. DRY 6.5, WET , CLOUD. TYPE , AMT , WEATHER B

0	6.65	31.810	7.48	0	6.65	31.810	7.48	24.97	299	298	0.0000
10	6.66	31.780	7.49	10	6.66	31.780	7.49	24.95	301	301	0.0300
19	6.60	31.790	7.38								

IN CHEON 866 , STATION 308-02 , 36-19.8. N. 126-02.3. E, APR. 28, 1987, 21:40 KST,
 DEPTH 30 , COLOR , TRANS. , WAVE SE 2, SWELL SE 1, WIND SE 2 , BARO 1035. 7,
 AIR TEMP. DRY 7.3, WET , CLOUD. TYPE , AMT , WEATHER B

0	7.65	31.770	7.60	0	7.65	31.770	7.60	24.81	314	314	0.0000
10	7.26	31.750	7.59	10	7.26	31.750	7.59	24.85	311	311	0.0312
20	7.09	31.810	7.50	20	7.09	31.810	7.50	24.92	304	304	0.0620
28	5.87	31.870	7.20								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 308-03 , 36-19.8. N. 125-50.0. E, APR. 28, 1987, 20:20 KST,
 DEPTH 50 , COLOR , TRANS. , WAVE SE 2, SWELL SE 1, WIND SE 3 , BARO 1036. ,
 AIR TEMP. DRY 7.2, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	7.47	31.830	7.58	0	7.47	31.830	7.58	24.88	307	307	0.0000
10	6.52	31.830	7.57	10	6.52	31.830	7.57	25.01	296	295	0.0301
20	5.74	31.850	7.57	20	5.74	31.850	7.57	25.12	285	285	0.0592
30	5.62	31.860	7.50	30	5.62	31.860	7.50	25.14	283	283	0.0876
48	5.61	31.850	7.24								

IN CHEON 866 , STATION 308-04 , 36-19.8. N. 125-37.0. E, APR. 28, 1987, 18:45 KST,
 DEPTH 44 , COLOR 4, TRANS. 5, 7, WAVE SE 2, SWELL SE 1, WIND SE 3 , BARO 1035.2,
 AIR TEMP. DRY 10.3, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	8.84	31.860	7.28	0	8.84	31.860	7.28	24.70	324	324	0.0000
10	6.12	31.890	7.50	10	6.12	31.890	7.50	25.10	286	286	0.0305
20	6.07	32.000	7.68	20	6.07	32.000	7.68	25.19	277	277	0.0587
30	6.05	32.010	7.49	30	6.05	32.010	7.49	25.21	276	276	0.0865
40	5.70	32.020	7.22								

IN CHEON 866 , STATION 308-05 , 36-19.8. N. 125-25.3. E, APR. 28, 1987, 17:10 KST,
 DEPTH 54 , COLOR 4, TRANS. 8, 2, WAVE SE 2, SWELL SE 1, WIND SE 3 , BARO 1035. ,
 AIR TEMP. DRY 11.8, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	8.42	32.040	7.08	0	8.42	32.040	7.08	24.91	305	304	0.0000
10	6.56	31.990	7.39	10	6.56	31.990	7.39	25.13	284	284	0.0294
20	6.15	31.990	7.49	20	6.15	31.990	7.49	25.18	279	279	0.0576
30	5.88	32.040	7.39	30	5.88	32.040	7.39	25.25	272	272	0.0852
50	5.56	32.130	7.31	50	5.56	32.130	7.31	25.36	262	262	0.1388

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 308-06 , 36-19.8. N, 125-12.4. E, APR. 28. 1987, 15:35 KST,
 DEPTH 63 , COLOR 4, TRANS. 8.7, WAVE SE 2, SWELL SE 1, WIND SE 3 , BARO 1036.3,
 AIR TEMP. DRY 13.3, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	8.44	32.130	7.29	0	8.44	32.130	7.29	24.98	298	298	0.0000
10	6.25	32.050	7.38	10	6.25	32.050	7.38	25.21	276	276	0.0287
20	6.11	32.070	7.30	20	6.11	32.070	7.30	25.25	273	273	0.0561
30	5.92	32.210	7.29	30	5.92	32.210	7.29	25.38	260	260	0.0828
50	5.78	32.220	7.29	50	5.78	32.220	7.29	25.40	258	258	0.1347
60	5.78	32.230	7.10								

IN CHEON 866 , STATION 308-07 , 36-19.8. N, 125-00.0. E, APR. 28. 1987, 14:00 KST,
 DEPTH 73 , COLOR , TRANS. 7.3, WAVE SE 2, SWELL SE 1, WIND SE 3 , BARO 1037. ,
 AIR TEMP. DRY 11.7, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	7.71	32.280	7.50	0	7.71	32.280	7.50	25.20	277	277	0.0000
10	6.75	32.270	7.57	10	6.75	32.270	7.57	25.32	265	265	0.0271
20	6.63	32.270	7.47	20	6.63	32.270	7.47	25.34	264	264	0.0536
30	5.89	32.330	7.20	30	5.89	32.330	7.20	25.48	251	251	0.0794
50	5.86	32.340	7.17	50	5.86	32.340	7.17	25.49	250	250	0.1295
70	5.80	32.340	7.09								

IN CHEON 866 , STATION 308-08 , 36-19.8. N, 124-47.5. E, APR. 28. 1987, 12:20 KST,
 DEPTH 82 , COLOR , TRANS. 8.0, WAVE S 2, SWELL S 1, WIND S 3 , BARO 1038. ,
 AIR TEMP. DRY 10.8, WET , CLOUD. TYPE AC, AMT 02, WEATHER B

0	7.27	32.340	7.29	0	7.27	32.340	7.29	25.31	267	266	0.0000
10	6.58	32.320	7.23	10	6.58	32.320	7.23	25.38	260	259	0.0263
20	6.56	32.330	7.49	20	6.56	32.330	7.49	25.39	259	259	0.0522
30	6.43	32.330	7.19	30	6.43	32.330	7.19	25.41	257	257	0.0781
50	5.90	32.390	7.08	50	5.90	32.390	7.08	25.52	246	246	0.1285
75	5.87	32.390	7.08	75	5.87	32.390	7.08	25.53	246	246	0.1903

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 308-09 , 36-19.8. N, 124-35.1. E, APR. 28. 1987, 10:45 KST,
 DEPTH 83 , COLOR , TRANS. 8.8, WAVE S 3, SWELL S 1, WIND S 3 , BARO 1038. ,
 AIR TEMP. DRY 10.3, WET , CLOUD. TYPE AC, AMT 02, WEATHER B

0	7.60	32.310	7.39	0	7.60	32.310	7.39	25.24	273	273	0.0000
10	6.63	32.320	7.11	10	6.63	32.320	7.11	25.38	260	260	0.0267
20	6.56	32.320	7.11	20	6.56	32.320	7.11	25.39	259	259	0.0527
30	6.52	32.320	7.09	30	6.52	32.320	7.09	25.39	259	259	0.0786
50	6.17	32.320	7.15	50	6.17	32.320	7.15	25.43	255	255	0.1301
75	6.96	32.410	7.07	75	6.96	32.410	7.07	25.40	258	258	0.1944

IN CHEON 866 , STATION 308-10 , 36-19.8. N, 124-23.0. E, APR. 28. 1987, 09:15 KST,
 DEPTH 81 , COLOR , TRANS. 8.7, WAVE S 3, SWELL S 1, WIND S 3 , BARO 1038.5,
 AIR TEMP. DRY 9.8, WET , CLOUD. TYPE AS, AMT 05, WEATHER BC

0	7.23	32.200	7.39	0	7.23	32.200	7.39	25.20	277	276	0.0000
10	6.60	32.200	7.10	10	6.60	32.200	7.10	25.29	269	269	0.0273
20	6.58	32.210	7.29	20	6.58	32.210	7.29	25.30	268	268	0.0541
30	6.62	32.230	7.20	30	6.62	32.230	7.20	25.31	267	267	0.0809
50	6.19	32.360	7.18	50	6.19	32.360	7.18	25.46	252	252	0.1329
75	5.78	32.360	6.90	75	5.78	32.360	6.90	25.51	247	248	0.1955

6月(June)

IN CHEON 866 , STATION 308-01 , 36-19.8. N, 126-14.4. E, JUN. 10. 1987, 19:20 KST,
 DEPTH 21 , COLOR 6, TRANS. 7.5, WAVE NE 2, SWELL NE 1, WIND NE 2 , BARO 1029.4,
 AIR TEMP. DRY 20.6, WET , CLOUD. TYPE AS, AMT 01, WEATHER B

0	15.84	31.347	6.10	0	15.84	31.347	6.10	23.00	487	487	0.0000
10	15.12	31.363	6.67	10	15.12	31.363	6.67	23.16	471	471	0.0479
19	14.52	31.960	6.41								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 308-02 , 36-19.8. N, 126-02.3. E, JUN. 10. 1987, 18:00 KST,
 DEPTH 27 , COLOR 6, TRANS. 8.0, WAVE NE 2, SWELL NE 1, WIND NE 2 , BARO 1029. ,
 AIR TEMP. DRY 20.4, WET , CLOUD. TYPE AS, AMT 02, WEATHER B

0	16.25	31.541	7.89	0	16.25	31.541	7.89	23.05	482	481	0.0000
10	14.71	31.703	6.70	10	14.71	31.703	6.70	23.51	438	438	0.0460
20	14.12	31.783	6.09	20	14.12	31.783	6.09	23.70	420	420	0.0889
25	13.89	31.789	6.59								

IN CHEON 866 , STATION 308-03 , 36-19.8. N, 125-50.0. E, JUN. 10. 1987, 16:40 KST,
 DEPTH 52 , COLOR 6, TRANS. 8.5, WAVE NE 2, SWELL NE 1, WIND NE 2 , BARO 1028.5 ,
 AIR TEMP. DRY 21.2, WET , CLOUD. TYPE AS, AMT 02, WEATHER B

0	15.45	31.772	6.51	0	15.45	31.772	6.51	23.41	448	448	0.0000
10	14.19	31.762	6.78	10	14.19	31.762	6.78	23.67	423	423	0.0435
20	11.11	31.827	6.79	20	11.11	31.827	6.79	24.31	362	362	0.0828
30	10.54	31.857	6.68	30	10.54	31.857	6.68	24.43	350	351	0.1185
50	8.24	31.987	6.99	50	8.24	31.987	6.99	24.89	306	307	0.1844

IN CHEON 866 , STATION 308-04 , 36-19.8. N, 125-37.0. E, JUN. 10. 1987, 15:10 KST,
 DEPTH 58 , COLOR 5, TRANS. 10.3, WAVE NE 2, SWELL NE 1, WIND NE 2 , BARO 1028. ,
 AIR TEMP. DRY 22.3, WET , CLOUD. TYPE AS, AMT 02, WEATHER B

0	18.79	31.941	6.48	0	18.79	31.941	6.48	22.76	510	510	0.0000
10	14.79	32.002	6.31	10	14.79	32.002	6.31	23.73	417	417	0.0464
20	8.70	31.975	7.58	20	8.70	31.975	7.58	24.82	314	314	0.0829
30	8.09	32.037	6.39	30	8.09	32.037	6.39	24.95	300	300	0.1137
50	7.28	32.037	6.99	50	7.28	32.037	6.99	25.07	290	290	0.1728

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 308-05 , 36-19.8. N, 125-25.3. E, JUN. 10. 1987, 13:50 KST,
 DEPTH 51 , COLOR 4, TRANS. 9.0, WAVE NE 2, SWELL NE 1, WIND NE 2 , BARO 1029.7,
 AIR TEMP. DRY 21.0, WET , CLOUD. TYPE AS, AMT 02, WEATHER B

0	17.24	31.869	6.77	0	17.24	31.869	6.77	23.08	479	479	0.0000
10	12.55	31.887	6.81	10	12.55	31.887	6.81	24.09	383	383	0.0431
20	9.35	31.960	7.00	20	9.35	31.960	7.00	24.70	324	324	0.0785
30	7.45	31.979	6.51	30	7.45	31.979	6.51	25.00	296	296	0.1096
49	7.15	31.994	7.40								

IN CHEON 866 , STATION 308-06 , 36-19.8. N, 125-12.4. E, JUN. 10. 1987, 12:10 KST,
 DEPTH 60 , COLOR 4, TRANS. 8.5, WAVE SE 2, SWELL SE 1, WIND SE 2 , BARO 1029.4,
 AIR TEMP. DRY 21.6, WET , CLOUD. TYPE AS, AMT 01, WEATHER B

0	16.87	31.902	6.18	0	16.87	31.902	6.18	23.19	469	468	0.0000
10	15.47	31.876	6.48	10	15.47	31.876	6.48	23.48	441	441	0.0455
20	6.89	32.118	7.01	20	6.89	32.118	7.01	25.18	279	278	0.0815
30	6.60	32.114	6.81	30	6.60	32.114	6.81	25.22	275	275	0.1092
50	6.44	32.117	6.95	50	6.44	32.117	6.95	25.24	273	273	0.1642
58	6.48	32.122	6.58								

IN CHEON 866 , STATION 308-07 , 36-19.8. N, 125-00.0. E, JUN. 10. 1987, 10:40 KST,
 DEPTH 67 , COLOR 4, TRANS. 8.0, WAVE SE 2, SWELL SE 1, WIND SE 2 , BARO 1029.5,
 AIR TEMP. DRY 21.5, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	17.23	31.873	5.58	0	17.23	31.873	5.58	23.08	479	479	0.0000
10	16.06	31.890	6.98	10	16.06	31.890	6.98	23.36	452	452	0.0465
20	6.32	32.230	6.59	20	6.32	32.230	6.59	25.34	263	263	0.0823
30	6.15	32.230	6.61	30	6.15	32.230	6.61	25.37	261	261	0.1086
50	6.14	32.266	6.89	50	6.14	32.266	6.89	25.40	258	259	0.1607
65	6.14	32.270	7.11								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 308-08 , 36-19.8. N, 124-47.5. E, JUN. 10. 1987, 09:05 KST.
 DEPTH 74 , COLOR 5, TRANS. 7.0, WAVE SE 2, SWELL SE 1, WIND SE 2 , BARO 1029. ,
 AIR TEMP. DRY 21.5, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	17.33	31.956	5.89	0	17.33	31.956	5.89	23.12	475	475	0.0000
10	12.49	32.049	6.99	10	12.49	32.049	6.99	24.23	370	370	0.0422
20	9.26	32.246	6.39	20	9.26	32.246	6.39	24.94	302	302	0.0758
30	6.14	32.317	6.08	30	6.14	32.317	6.08	25.44	255	255	0.1037
50	6.11	32.297	6.50	50	6.11	32.297	6.50	25.42	256	256	0.1549
70	6.04	32.309	7.19								

IN CHEON 866 , STATION 308-09 , 36-19.8. N, 124-35.1. E, JUN. 10. 1987, 07:30 KST,
 DEPTH 82 , COLOR 5, TRANS. 7.0, WAVE W 2, SWELL W 1, WIND W 2 , BARO 1028.5,
 AIR TEMP. DRY 18.7, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	17.03	31.879	6.19	0	17.03	31.879	6.19	23.13	474	474	0.0000
10	15.87	31.894	5.99	10	15.87	31.894	5.99	23.41	448	448	0.0461
20	6.99	32.192	7.10	20	6.99	32.192	7.10	25.23	274	274	0.0822
30	6.00	32.240	5.99	30	6.00	32.240	5.99	25.39	259	259	0.1089
50	5.97	32.293	6.57	50	5.97	32.293	6.57	25.44	254	255	0.1603
75	5.98	32.290	7.00	75	5.98	32.290	7.00	25.43	255	255	0.2242

IN CHEON 866 , STATION 308-10 , 36-19.8. N, 124-23.0. E, JUN. 10. 1987, 06:50 KST,
 DEPTH 80 , COLOR 4, TRANS. 9.0, WAVE W 2, SWELL W 1, WIND W 2 , BARO 1028. ,
 AIR TEMP. DRY 17.5, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	16.88	31.960	5.63	0	16.88	31.960	5.63	23.23	465	464	0.0000
10	15.79	32.006	5.77	10	15.79	32.006	5.77	23.51	438	438	0.0451
20	7.30	32.192	7.49	20	7.30	32.192	7.49	25.19	278	278	0.0810
30	6.12	32.246	7.08	30	6.12	32.246	7.08	25.38	260	260	0.1079
50	6.03	32.282	6.69	50	6.03	32.282	6.69	25.42	256	256	0.1596
75	6.04	32.261	6.79	75	6.04	32.261	6.79	25.40	258	258	0.2240

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

8月(August)

IN CHEON 866 , STATION 308-01 , 36-19.8. N, 126-14.4. E, AUG. 11. 1987, 16:00 KST,
 DEPTH 21 , COLOR 6, TRANS. 2.5, WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1020. ,
 AIR TEMP. DRY 25.2, WET , CLOUD. TYPE ST, AMT 03, WEATHER BC

0	21.67	29.730	5.61	0	21.67	29.730	5.61	20.33	742	742	0.0000
10	21.58	32.552	5.59	10	21.58	32.552	5.59	22.49	535	535	0.0638
19	19.89	32.890	5.79								

IN CHEON 866 , STATION 308-02 , 36-19.8. N, 126-02.3. E, AUG. 11. 1987, 14:35 KST,
 DEPTH 29 , COLOR 6, TRANS. 6.5, WAVE SE 3, SWELL SE 1, WIND SE 3 , BARO 1020. 3,
 AIR TEMP. DRY 25.8, WET , CLOUD. TYPE AS, AMT 03, WEATHER BC

0	22.39	31.050	5.70	0	22.39	31.050	5.70	21.13	665	665	0.0000
10	20.31	31.080	5.59	10	20.31	31.080	5.59	21.72	609	609	0.0637
20	19.42	31.450	5.69	20	19.42	31.450	5.69	22.23	561	561	0.1223
27	17.97	31.870	5.27								

IN CHEON 866 , STATION 308-03 , 36-19.8. N, 125-50.0. E, AUG. 11. 1987, 13:00 KST,
 DEPTH 49 , COLOR 4, TRANS. 8.0, WAVE SE 2, SWELL SE 1, WIND SE 3 , BARO 1020. ,
 AIR TEMP. DRY 25.4, WET , CLOUD. TYPE AS, AMT 03, WEATHER BC

0	22.63	31.830	5.82	0	22.63	31.830	5.82	21.66	615	615	0.0000
10	21.08	31.870	5.90	10	21.08	31.870	5.90	22.11	572	572	0.0593
20	19.89	31.980	5.78	20	19.89	31.980	5.78	22.51	534	534	0.1147
30	18.50	32.350	5.68	30	18.50	32.350	5.68	23.14	473	474	0.1651
45	15.86	32.330	5.61								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 308-04 , 36-19.8. N, 125-37.0. E, AUG. 11, 1987, 11:25 KST,
 DEPTH 52 , COLOR 3, TRANS. 14.5, WAVE SE 2, SWELL SE 1, WIND SE 3 , BARO 1020.5,
 AIR TEMP. DRY 25.5, WET , CLOUD, TYPE CU, AMT 07, WEATHER BC

0	24.00	31.400	5.78	0	24.00	31.400	5.78	20.94	684	684	0.0000
10	22.49	31.640	5.68	10	22.49	31.640	5.68	21.55	625	625	0.0654
20	16.64	32.560	5.94	20	16.64	32.560	5.94	23.74	416	416	0.1175
30	12.28	32.620	5.79	30	12.28	32.620	5.79	24.71	324	324	0.1546
50	12.10	32.650	5.79	50	12.10	32.650	5.79	24.76	319	319	0.2191

IN CHEON 866 , STATION 308-05 , 36-19.8. N, 125-25.3. E, AUG. 11, 1987, 10:00 KST,
 DEPTH 51 , COLOR 3, TRANS. 18.0, WAVE SE 2, SWELL SE 1, WIND SE 3 , BARO 1019.9,
 AIR TEMP. DRY 25.0, WET , CLOUD, TYPE CU, AMT 07, WEATHER BC

0	24.14	31.500	5.79	0	24.14	31.500	5.79	20.98	681	680	0.0000
10	21.76	31.730	5.55	10	21.76	31.730	5.55	21.82	599	599	0.0640
20	11.10	32.560	5.48	20	11.10	32.560	5.48	24.88	308	308	0.1094
30	11.00	32.550	5.69	30	11.00	32.550	5.69	24.89	307	307	0.1402
49	10.99	32.540	5.79								

IN CHEON 866 , STATION 308-06 , 36-19.8. N, 125-12.4. E, AUG. 11, 1987, 08:25 KST,
 DEPTH 62 , COLOR 3, TRANS. 18.0, WAVE SE 2, SWELL SE 1, WIND SE 3 , BARO 1016.4,
 AIR TEMP. DRY 24.5, WET , CLOUD, TYPE CU, AMT 10, WEATHER C

0	24.01	31.550	5.69	0	24.01	31.550	5.69	21.05	673	673	0.0000
10	23.58	31.540	5.69	10	23.58	31.540	5.69	21.17	662	662	0.0668
20	12.00	32.410	5.72	20	12.00	32.410	5.72	24.60	334	335	0.1166
30	10.23	32.530	5.80	30	10.23	32.530	5.80	25.00	296	296	0.1482
50	10.19	32.590	5.81	50	10.19	32.590	5.81	25.06	291	291	0.2070
60	10.18	32.590	5.77								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 308-07 , 36-19.8. N, 125-00.0. E, AUG. 11. 1987, 06:50 KST,
 DEPTH 65 , COLOR 3, TRANS. 18.0, WAVE SE 2, SWELL SE 1, WIND SE 3 , BARO 1018.2,
 AIR TEMP. DRY 23.7, WET , CLOUD. TYPE CU, AMT 10, WEATHER C

0	24.00	31.890	5.68	0	24.00	31.890	5.68	21.31	648	648	0.0000
10	23.84	31.950	5.67	10	23.84	31.950	5.67	21.40	640	640	0.0644
20	8.87	32.530	5.75	20	8.87	32.530	5.75	25.22	275	275	0.1102
30	8.19	32.530	5.89	30	8.19	32.530	5.89	25.33	265	265	0.1372
50	8.16	32.520	5.78	50	8.16	32.520	5.78	25.32	265	266	0.1904
60	8.14	32.520	5.49								

IN CHEON 866 , STATION 308-08 , 36-19.8. N, 124-47.5. E, AUG. 11. 1987, 05:00 KST,
 DEPTH 76 , COLOR , TRANS. , WAVE SE 2, SWELL SE 1, WIND SE 3 , BARO 1019.7,
 AIR TEMP. DRY 23.8, WET , CLOUD. TYPE CU, AMT 05, WEATHER BC

0	23.94	31.720	5.47	0	23.94	31.720	5.47	21.20	659	659	0.0000
10	23.63	31.880	5.71	10	23.63	31.880	5.71	21.41	639	639	0.0649
20	7.75	32.540	5.59	20	7.75	32.540	5.59	25.40	258	258	0.1098
30	7.25	32.510	5.88	30	7.25	32.510	5.88	25.44	254	254	0.1354
50	7.25	32.530	5.88	50	7.25	32.530	5.88	25.46	252	253	0.1862
74	7.20	32.530	5.81								

IN CHEON 866 , STATION 308-09 , 36-19.8. N, 124-35.1. E, AUG. 11. 1987, 03:30 KST,
 DEPTH 75 , COLOR , TRANS. , WAVE SE 2, SWELL SE 1, WIND SE 3 , BARO 1020.2,
 AIR TEMP. DRY 23.7, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	23.75	31.470	5.01	0	23.75	31.470	5.01	21.07	672	672	0.0000
10	23.63	31.470	5.48	10	23.63	31.470	5.48	21.10	669	669	0.0670
20	6.92	31.980	5.69	20	6.92	31.980	5.69	25.07	289	289	0.1149
30	6.75	32.440	5.88	30	6.75	32.440	5.88	25.46	253	253	0.1421
50	6.71	32.430	5.95	50	6.71	32.430	5.95	25.45	253	253	0.1928
73	6.65	32.420	5.94								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D T	SVA	D-DY

IN CHEON 866 , STATION 308-10 , 36-19.8. N, 124-23.0. E, AUG. 11, 1987, 02:15 KST,
 DEPTH 82 , COLOR , TRANS. , WAVE SE 2, SWELL SE 1, WIND SE 3 , BARO 1020. ,
 AIR TEMP. DRY 23.8, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	24.08	31.330	4.81	0	24.08	31.330	4.81	20.86	691	691	0.0000
10	23.16	31.380	5.19	10	23.16	31.380	5.19	21.17	662	662	0.0677
20	16.55	31.330	5.77	20	16.55	31.330	5.77	22.82	504	504	0.1260
30	6.52	32.410	5.84	30	6.52	32.410	5.84	25.46	252	252	0.1638
50	6.52	32.440	6.39	50	6.52	32.440	6.39	25.48	250	250	0.2142
75	6.50	32.440	6.07	75	6.50	32.440	6.07	25.49	250	250	0.2768

10月(October)

IN CHEON 866 , STATION 308-01 , 36-19.8. N, 126-14.4. E, OCT. 24, 1987, 01:50 KST,
 DEPTH 26 , COLOR , TRANS. , WAVE E 2, SWELL E 1, WIND E 3 , BARO 1023. ,
 AIR TEMP. DRY 14.7, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	16.25	31.817	6.12	0	16.25	31.817	6.12	23.26	461	461	0.0000
10	16.30	31.837	6.09	10	16.30	31.837	6.09	23.27	461	461	0.0461
20	16.05	31.937	6.19	20	16.05	31.937	6.19	23.40	448	449	0.0916

IN CHEON 866 , STATION 308-02 , 36-19.8. N, 126-02.3. E, OCT. 24, 1987, 00:30 KST,
 DEPTH 30 , COLOR , TRANS. , WAVE E 2, SWELL E 1, WIND E 3 , BARO 1024. ,
 AIR TEMP. DRY 15.0, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	17.10	31.825	6.02	0	17.10	31.825	6.02	23.08	480	479	0.0000
10	17.04	31.883	6.01	10	17.04	31.883	6.01	23.13	474	474	0.0477
20	16.77	31.922	6.48	20	16.77	31.922	6.48	23.23	465	465	0.0947
28	16.25	32.010	6.01								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	O2	DEPTH	TEMP	SAL	O2	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 308-03 , 36-19.8. N, 125-50.0. E, OCT. 23. 1987, 23:15 KST,
 DEPTH 49 , COLOR , TRANS. , WAVE NE 2, SWELL E 1, WIND E 3 , BARO 1026. ,
 AIR TEMP. DRY 15.3, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	18.13	31.848	6.29	0	18.13	31.848	6.29	22.85	501	501	0.0000
10	17.57	31.821	6.33	10	17.57	31.821	6.33	22.96	490	490	0.0496
20	17.25	31.811	6.22	20	17.25	31.811	6.22	23.03	484	484	0.0983
30	16.97	31.856	6.06	30	16.97	31.856	6.06	23.13	474	475	0.1463
45	15.45	32.114	5.92								

IN CHEON 866 , STATION 308-04 , 36-19.8. N, 125-37.0. E, OCT. 23. 1987, 21:35 KST,
 DEPTH 51 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1027. ,
 AIR TEMP. DRY 15.8, WET , CLOUD. TYPE AS, AMT 02, WEATHER B

0	18.09	31.775	6.07	0	18.09	31.775	6.07	22.80	506	505	0.0000
10	17.87	31.781	6.39	10	17.87	31.781	6.39	22.86	500	500	0.0503
20	16.24	31.794	5.80	20	16.24	31.794	5.80	23.25	463	463	0.0985
30	13.33	32.327	5.79	30	13.33	32.327	5.79	24.28	365	365	0.1400
49	13.22	32.347	5.69								

IN CHEON 866 , STATION 308-05 , 36-19.8. N, 125-25.3. E, OCT. 23. 1987, 20:05 KST,
 DEPTH 52 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1026. ,
 AIR TEMP. DRY 15.2, WET , CLOUD. TYPE SC, AMT 02, WEATHER B

0	18.23	31.775	6.21	0	18.23	31.775	6.21	22.77	509	509	0.0000
10	17.72	31.790	6.28	10	17.72	31.790	6.28	22.90	496	496	0.0502
20	17.21	31.802	6.00	20	17.21	31.802	6.00	23.03	484	484	0.0993
30	16.75	31.825	6.15	30	16.75	31.825	6.15	23.16	472	472	0.1471
50	13.99	32.153	6.11	50	13.99	32.153	6.11	24.01	390	391	0.2336

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 308-06 , 36-19.8. N, 125-12.4. E, OCT. 23, 1987, 18:25 KST,
 DEPTH 61 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1025. ,
 AIR TEMP. DRY 15.3, WET , CLOUD. TYPE SC, AMT 02, WEATHER B

0	18.34	31.794	6.42	0	18.34	31.794	6.42	22.76	510	510	0.0000
10	18.29	31.779	6.41	10	18.29	31.779	6.41	22.76	510	510	0.0510
20	18.10	31.763	6.03	20	18.10	31.763	6.03	22.79	507	507	0.1019
30	17.84	31.763	6.30	30	17.84	31.763	6.30	22.85	501	501	0.1523
50	10.07	32.293	6.58	50	10.07	32.293	6.58	24.85	311	311	0.2337
59	10.02	32.347	6.31								

IN CHEON 866 , STATION 308-07 , 36-19.8. N, 125-00.0. E, OCT. 23, 1987, 16:50 KST,
 DEPTH 65 , COLOR 3, TRANS. 16.0, WAVE SW 3, SWELL SW 1, WIND SW 4 , BARO 1024.5,
 AIR TEMP. DRY 16.3, WET , CLOUD. TYPE SC, AMT 02, WEATHER B

0	18.51	31.771	6.40	0	18.51	31.771	6.40	22.70	516	515	0.0000
10	18.31	31.759	6.48	10	18.31	31.759	6.48	22.74	512	512	0.0514
20	18.27	31.775	6.29	20	18.27	31.775	6.29	22.76	510	510	0.1025
30	18.24	31.810	6.46	30	18.24	31.810	6.46	22.79	507	507	0.1534
50	9.47	32.254	6.52	50	9.47	32.254	6.52	24.91	304	305	0.2347
62	9.40	32.231	6.48								

IN CHEON 866 , STATION 308-08 , 36-19.8. N, 124-47.5. E, OCT. 23, 1987, 14:55 KST,
 DEPTH 77 , COLOR 3, TRANS. 15.0, WAVE S 3, SWELL S 1, WIND S 4 , BARO 1024. ,
 AIR TEMP. DRY 17.8, WET , CLOUD. TYPE AS, AMT 04, WEATHER BC

0	18.58	31.798	6.42	0	18.58	31.798	6.42	22.70	515	515	0.0000
10	18.27	31.779	6.68	10	18.27	31.779	6.68	22.76	509	509	0.0512
20	18.25	31.802	6.20	20	18.25	31.802	6.20	22.78	507	508	0.1021
30	18.27	31.798	6.26	30	18.27	31.798	6.26	22.78	508	509	0.1530
50	8.58	32.250	6.39	50	8.58	32.250	6.39	25.05	291	292	0.2331
75	8.54	32.266	6.38	75	8.54	32.266	6.38	25.07	290	290	0.3061

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 308-09 , 36-19.8. N, 124-35.1. E, OCT. 23. 1987, 13:20 KST,
 DEPTH 85 , COLOR 3, TRANS. 19.0, WAVE S 3, SWELL S 1, WIND S 4 , BARO 1024. ,
 AIR TEMP. DRY 18.0, WET , CLOUD. TYPE AS, AMT 01, WEATHER B

0	18.39	31.794	6.30	0	18.39	31.794	6.30	22.74	511	511	0.0000
10	18.35	31.755	6.49	10	18.35	31.755	6.49	22.72	513	513	0.0512
20	18.19	31.752	6.42	20	18.19	31.752	6.42	22.76	510	510	0.1024
30	18.17	31.755	6.69	30	18.17	31.755	6.69	22.77	509	509	0.1534
50	18.16	31.821	6.48	50	18.16	31.821	6.48	22.82	504	505	0.2550
75	9.39	32.227	6.21	75	9.39	32.227	6.21	24.91	305	306	0.3564
82	9.30	32.223	5.99								

IN CHEON 866 , STATION 308-10 , 36-19.8. N, 124-23.0. E, OCT. 23. 1987, 11:30 KST,
 DEPTH 80 , COLOR 3, TRANS. 20.0, WAVE S 3, SWELL S 1, WIND S 4 , BARO 1025. ,
 AIR TEMP. DRY 17.1, WET , CLOUD. TYPE AS, AMT 02, WEATHER B

0	18.48	31.759	6.68	0	18.48	31.759	6.68	22.70	516	516	0.0000
10	18.41	31.759	6.72	10	18.41	31.759	6.72	22.71	514	514	0.0515
20	18.36	31.771	6.58	20	18.36	31.771	6.58	22.73	512	512	0.1029
30	18.25	31.752	6.59	30	18.25	31.752	6.59	22.75	511	512	0.1541
50	8.36	31.867	6.20	50	8.36	31.867	6.20	24.78	317	317	0.2371
75	7.50	31.393	6.18	75	7.50	31.393	6.18	24.53	340	341	0.3195

12月(December)

IN CHEON 866 , STATION 308-01 , 36-19.8. N, 126-14.4. E, DEC. 12. 1987, 10:50 KST,
 DEPTH 22 , COLOR 7, TRANS. 1.5, WAVE SE 3, SWELL SE 1, WIND SE 4 , BARO 1021. ,
 AIR TEMP. DRY 2.1, WET , CLOUD. TYPE NS, AMT 10, WEATHER R

0	10.25	32.109	7.84	0	10.25	32.109	7.84	24.67	327	327	0.0000
10	10.81	32.028	7.86	10	10.81	32.028	7.86	24.51	342	342	0.0334
20	10.85	32.020	7.40	20	10.85	32.020	7.40	24.50	343	344	0.0678

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 308-02 , 36-19.8. N, 126-02.3. E, DEC.12.1987, 12:10 KST,
 DEPTH 28 , COLOR 7, TRANS. 3.0, WAVE SE 4, SWELL SE 2, WIND SE 5 , BARO 1021. ,
 AIR TEMP. DRY 2.9, WET , CLOUD. TYPE NS, AMT 10, WEATHER R

0	10.06	32.179	7.88	0	10.06	32.179	7.88	24.76	319	319	0.0000
10	11.10	32.171	7.81	10	11.10	32.171	7.81	24.57	337	336	0.0328
20	10.98	32.182	7.79	20	10.98	32.182	7.79	24.60	334	334	0.0663
26	10.84	32.179	7.55								

IN CHEON 866 , STATION 308-03 , 36-19.8. N, 125-50.0. E, DEC.12.1987, 13:30 KST,
 DEPTH 50 , COLOR 7, TRANS. 4.0, WAVE SE 4, SWELL SE 2, WIND SE 5 , BARO 1020. ,
 AIR TEMP. DRY 4.0, WET , CLOUD. TYPE NS, AMT 10, WEATHER S

0	11.13	32.248	7.77	0	11.13	32.248	7.77	24.63	331	331	0.0000
10	11.17	32.287	7.39	10	11.17	32.287	7.39	24.65	329	329	0.0330
20	11.21	32.244	7.28	20	11.21	32.244	7.28	24.61	333	333	0.0662
30	11.24	32.260	7.06	30	11.24	32.260	7.06	24.62	332	333	0.0995
48	11.26	32.268	6.93								

IN CHEON 866 , STATION 308-04 , 36-19.8. N, 125-37.0. E, DEC.15.1987, 09:00 KST,
 DEPTH 51 , COLOR 6, TRANS. 8.0, WAVE SW 3, SWELL SW 1, WIND SW 4 , BARO 1028. ,
 AIR TEMP. DRY 8.0, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	11.38	32.256	7.51	0	11.38	32.256	7.51	24.59	335	335	0.0000
10	10.83	32.256	7.18	10	10.83	32.256	7.18	24.69	326	326	0.0330
20	10.84	32.283	6.99	20	10.84	32.283	6.99	24.71	324	324	0.0655
30	10.84	32.264	7.01	30	10.84	32.264	7.01	24.69	325	326	0.0981
49	10.86	32.260	6.85								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 308-05 , 36-19.8. N, 125-25.3. E, DEC. 15. 1987, 07:25 KST,
 DEPTH 52 , COLOR , TRANS. , WAVE W 3, SWELL W 1, WIND W 4 , BARO 1028. ,
 AIR TEMP. DRY 7.4, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	9.98	32.109	7.25	0	9.98	32.109	7.25	24.72	323	323	0.0000
10	10.10	32.121	6.99	10	10.10	32.121	6.99	24.71	324	324	0.0323
20	10.15	32.128	6.85	20	10.15	32.128	6.85	24.70	324	324	0.0648
30	10.25	32.206	6.89	30	10.25	32.206	6.89	24.75	320	320	0.0970
50	10.42	32.244	6.82	50	10.42	32.244	6.82	24.75	320	321	0.1612

IN CHEON 866 , STATION 308-06 , 36-19.8. N, 125-12.4. E, DEC. 15. 1987, 06:00 KST,
 DEPTH 58 , COLOR , TRANS. , WAVE W 3, SWELL W 1, WIND W 4 , BARO 1028. ,
 AIR TEMP. DRY 6.7, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	10.13	32.128	6.84	0	10.13	32.128	6.84	24.71	324	324	0.0000
10	10.12	32.130	6.99	10	10.12	32.130	6.99	24.71	324	323	0.0323
20	9.83	32.132	7.02	20	9.83	32.132	7.02	24.76	319	319	0.0645
30	9.84	32.190	7.02	30	9.84	32.190	7.02	24.80	315	315	0.0962
50	10.01	32.206	6.79	50	10.01	32.206	6.79	24.79	316	317	0.1595
56	10.09	32.207	6.68								

IN CHEON 866 , STATION 308-07 , 36-19.8. N, 125-00.0. E, DEC. 15. 1987, 04:30 KST,
 DEPTH 67 , COLOR , TRANS. , WAVE W 4, SWELL W 1, WIND W 4 , BARO 1027. ,
 AIR TEMP. DRY 6.7, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	9.52	32.045	7.19	0	9.52	32.045	7.19	24.74	320	320	0.0000
10	9.70	32.043	7.28	10	9.70	32.043	7.28	24.71	323	323	0.0322
20	9.71	32.043	7.00	20	9.71	32.043	7.00	24.71	324	324	0.0646
30	10.00	32.152	6.88	30	10.00	32.152	6.88	24.75	320	320	0.0968
50	9.77	32.483	6.58	50	9.77	32.483	6.58	25.04	292	292	0.1582
65	9.53	32.480	6.49								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 308-08 , 36-19.8. N, 124-47.5. E, DEC. 15. 1987, 02:50 KST,
 DEPTH 73 , COLOR , TRANS. , WAVE W 4, SWELL W 1, WIND W 4 , BARO 1027. ,
 AIR TEMP. DRY 6.2, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	9.94	32.213	7.21	0	9.94	32.213	7.21	24.81	315	314	0.0000
10	10.03	32.210	7.02	10	10.03	32.210	7.02	24.79	316	316	0.0315
20	9.40	32.206	6.98	20	9.40	32.206	6.98	24.89	307	307	0.0627
30	9.38	32.287	6.84	30	9.38	32.287	6.84	24.95	300	301	0.0931
50	9.33	32.289	6.68	50	9.33	32.289	6.68	24.96	299	300	0.1533
70	9.40	32.292	6.29								

IN CHEON 866 , STATION 308-09 , 36-19.8. N, 124-35.1. E, DEC. 15. 1987, 01:25 KST,
 DEPTH 79 , COLOR , TRANS. , WAVE W 4, SWELL W 1, WIND W 4 , BARO 1027. ,
 AIR TEMP. DRY 6.3, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	9.86	32.229	7.29	0	9.86	32.229	7.29	24.83	312	312	0.0000
10	9.91	32.233	6.88	10	9.91	32.233	6.88	24.83	313	312	0.0312
20	10.33	32.236	6.79	20	10.33	32.236	6.79	24.76	319	319	0.0628
30	9.97	32.237	7.02	30	9.97	32.237	7.02	24.82	313	313	0.0945
50	9.91	32.240	6.70	50	9.91	32.240	6.70	24.83	312	313	0.1572
75	9.43	32.302	6.49	75	9.43	32.302	6.49	24.96	300	301	0.2341

IN CHEON 866 , STATION 308-10 , 36-19.8. N, 124-23.0. E, DEC. 14. 1987, 23:55 KST,
 DEPTH 77 , COLOR , TRANS. , WAVE W 4, SWELL W 1, WIND W 4 , BARO 1025. ,
 AIR TEMP. DRY 6.0, WET , CLOUD. TYPE AC, AMT 02, WEATHER B

0	9.80	32.227	7.34	0	9.80	32.227	7.34	24.84	311	311	0.0000
10	9.85	32.229	7.21	10	9.85	32.229	7.21	24.83	312	312	0.0311
20	10.02	32.236	7.01	20	10.02	32.236	7.01	24.81	314	314	0.0625
30	9.96	32.241	7.10	30	9.96	32.241	7.10	24.82	313	313	0.0939
50	9.87	32.243	6.63	50	9.87	32.243	6.63	24.84	311	312	0.1565
75	9.93	32.249	6.51	75	9.93	32.249	6.51	24.84	312	313	0.2347

309 線 海洋觀測 成績 Oceanographic Data. Line 309

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

3月(March)

IN CHEON 866 , STATION 309-01 , 35-51.3. N, 126-14.7. E, MAR. 3. 1987, 07:50 KST,
 DEPTH 30 , COLOR , TRANS. , WAVE SE 3, SWELL SE 1, WIND SE 3 , BARO 1044. ,
 AIR TEMP. DRY 3.8, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	3.84	32.163	7.35	0	3.84	32.163	7.35	25.57	242	242	0.0000
10	3.83	32.082	7.45	10	3.83	32.082	7.45	25.50	248	248	0.0245
20	3.85	32.098	7.44	20	3.85	32.098	7.44	25.51	247	247	0.0493
28	3.86	32.047	7.17								

IN CHEON 866 , STATION 309-02 , 35-51.3. N, 126-02.0. E, MAR. 3. 1987, 09:20 KST,
 DEPTH 44 , COLOR 7, TRANS. 4.3, WAVE SE 3, SWELL SE 1, WIND SE 3 , BARO 1043. ,
 AIR TEMP. DRY 4.0, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	4.16	32.148	7.30	0	4.16	32.148	7.30	25.52	246	246	0.0000
10	4.15	32.159	7.25	10	4.15	32.159	7.25	25.53	245	245	0.0246
20	4.22	32.188	7.32	20	4.22	32.188	7.32	25.55	244	244	0.0490
30	4.22	32.140	7.00	30	4.22	32.140	7.00	25.51	247	247	0.0736
40	4.24	32.155	7.21								

IN CHEON 866 , STATION 309-03 , 35-51.3. N, 125-49.3. E, MAR. 3. 1987, 10:50 KST,
 DEPTH 52 , COLOR 6, TRANS. 4.9, WAVE S 4, SWELL S 2, WIND S 4 , BARO 1042. ,
 AIR TEMP. DRY 7.4, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	4.48	32.239	7.28	0	4.48	32.239	7.28	25.56	242	242	0.0000
10	4.46	32.239	7.19	10	4.46	32.239	7.19	25.56	242	242	0.0242
20	4.45	32.279	7.46	20	4.45	32.279	7.46	25.60	239	239	0.0483
30	4.45	32.229	7.25	30	4.45	32.229	7.25	25.56	243	243	0.0725
50	4.47	32.299	7.07	50	4.47	32.299	7.07	25.61	238	238	0.1206

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 309-04 , 35-51.3. N. 125-37.0. E, MAR. 3.1987, 12:20 KST,
 DEPTH 57 , COLOR 6, TRANS. 5.0, WAVE S 3, SWELL S 1, WIND S 3 , BARO 1040. ,
 AIR TEMP. DRY 6.8, WET , CLOUD, TYPE , AMT 00, WEATHER B

0	4.94	32.410	7.38	0	4.94	32.410	7.38	25.65	234	234	0.0000
10	4.86	32.415	7.28	10	4.86	32.415	7.28	25.66	233	233	0.0233
20	4.85	32.333	7.30	20	4.85	32.333	7.30	25.60	239	239	0.0470
30	4.84	32.357	7.29	30	4.84	32.357	7.29	25.62	237	237	0.0708
50	4.84	32.380	6.99	50	4.84	32.380	6.99	25.64	235	236	0.1182

IN CHEON 866 , STATION 309-05 , 35-51.3. N. 125-24.4. E, MAR. 3.1987, 13:50 KST,
 DEPTH 69 , COLOR 5, TRANS. 6.4, WAVE S 3, SWELL S 1, WIND S 3 , BARO 1040. ,
 AIR TEMP. DRY 10.3, WET , CLOUD, TYPE , AMT 00, WEATHER B

0	5.16	32.364	7.19	0	5.16	32.364	7.19	25.59	240	240	0.0000
10	4.98	32.376	7.11	10	4.98	32.376	7.11	25.62	237	237	0.0238
20	4.93	32.428	7.12	20	4.93	32.428	7.12	25.66	233	233	0.0474
30	4.85	32.380	7.02	30	4.85	32.380	7.02	25.64	236	236	0.0708
50	4.85	32.380	6.73	50	4.85	32.380	6.73	25.64	236	236	0.1181
65	4.84	32.372	6.47								

IN CHEON 866 , STATION 309-06 , 35-51.3. N. 125-12.3. E, MAR. 3.1987, 15:20 KST,
 DEPTH 65 , COLOR 5, TRANS. 6.5, WAVE S 4, SWELL S 2, WIND S 3 , BARO 1040. ,
 AIR TEMP. DRY 8.4, WET , CLOUD, TYPE , AMT 00, WEATHER B

0	5.19	32.380	7.14	0	5.19	32.380	7.14	25.60	239	239	0.0000
10	4.85	32.388	6.93	10	4.85	32.388	6.93	25.64	235	235	0.0237
20	5.04	32.388	6.70	20	5.04	32.388	6.70	25.62	237	237	0.0473
30	4.84	32.480	6.66	30	4.84	32.480	6.66	25.72	228	228	0.0706
50	4.84	32.418	6.57	50	4.84	32.418	6.57	25.67	233	233	0.1168
62	4.83	32.457	6.43								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 309-07 , 35-51.3. N, 125-00.0. E, MAR. 3, 1987, 16:50 KST,
 DEPTH 66 , COLOR 6, TRANS. 8.0, WAVE S 4, SWELL S 2, WIND S 4 , BARO 1038. ,
 AIR TEMP. DRY 7.2, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	5.03	32.314	6.93	0	5.03	32.314	6.93	25.56	242	242	0.0000
10	4.83	32.349	6.74	10	4.83	32.349	6.74	25.61	238	237	0.0240
20	4.74	32.353	6.62	20	4.74	32.353	6.62	25.63	236	236	0.0477
30	4.62	32.329	6.67	30	4.62	32.329	6.67	25.62	237	237	0.0714
50	4.64	32.349	6.53	50	4.64	32.349	6.53	25.63	236	236	0.1188
63	4.64	32.314	6.67								

IN CHEON 866 , STATION 309-08 , 35-51.3. N, 124-47.8. E, MAR. 3, 1987, 18:20 KST,
 DEPTH 82 , COLOR 7, TRANS. 9.6, WAVE S 4, SWELL S 2, WIND S 4 , BARO 1038. ,
 AIR TEMP. DRY 6.8, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	5.20	32.380	6.72	0	5.20	32.380	6.72	25.60	239	239	0.0000
10	4.95	32.411	6.66	10	4.95	32.411	6.66	25.65	234	234	0.0237
20	4.90	32.453	6.43	20	4.90	32.453	6.43	25.69	231	230	0.0469
30	4.88	32.388	6.48	30	4.88	32.388	6.48	25.64	235	235	0.0703
50	4.92	32.350	6.52	50	4.92	32.350	6.52	25.60	239	239	0.1178
75	4.93	32.403	6.46	75	4.93	32.403	6.46	25.64	235	235	0.1771

IN CHEON 866 , STATION 309-09 , 35-51.3. N, 124-35.1. E, MAR. 3, 1987, 19:50 KST,
 DEPTH 82 , COLOR , TRANS. , WAVE S 4, SWELL S 2, WIND S 3 , BARO 1038. ,
 AIR TEMP. DRY 6.0, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	5.16	32.434	6.65	0	5.16	32.434	6.65	25.64	235	234	0.0000
10	5.08	32.403	6.57	10	5.08	32.403	6.57	25.63	236	236	0.0235
20	4.91	32.403	6.43	20	4.91	32.403	6.43	25.65	234	234	0.0471
30	4.91	32.403	6.38	30	4.91	32.403	6.38	25.65	234	234	0.0706
50	4.90	32.400	6.41	50	4.90	32.400	6.41	25.65	235	235	0.1176
75	4.90	32.391	6.47	75	4.90	32.391	6.47	25.64	235	236	0.1765

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
IN CHEON 866 , STATION 309-10 , 35-51.3. N, 124-22.8. E, MAR. 3.1987, 21:20 KST,											
DEPTH 86 , COLOR , TRANS. , WAVE SW 4, SWELL SW 2, WIND SW 4 , BARO 1038. ,											
AIR TEMP. DRY 5.7, WET , CLOUD, TYPE , AMT 00, WEATHER B											
0	4.59	32.279	6.59	0	4.59	32.279	6.59	25.58	241	240	0.0000
10	4.54	32.275	6.41	10	4.54	32.275	6.41	25.59	240	240	0.0240
20	4.47	32.259	6.37	20	4.47	32.259	6.37	25.58	241	241	0.0481
30	4.39	32.279	6.44	30	4.39	32.279	6.44	25.60	239	238	0.0721
50	4.40	32.349	6.72	50	4.40	32.349	6.72	25.66	233	233	0.1194
75	4.39	32.310	6.94	75	4.39	32.310	6.94	25.63	236	236	0.1783

4 月 (April)

IN CHEON 866 , STATION 309-01 , 35-51.3. N, 126-14.7. E, APR.29.1987, 08:30 KST,											
DEPTH 28 , COLOR 6, TRANS. 5.0, WAVE SE 2, SWELL SE 1, WIND SE 2 , BARO 1036. ,											
AIR TEMP. DRY 12.5, WET , CLOUD, TYPE , AMT , WEATHER F											
0	8.31	31.490	7.48	0	8.31	31.490	7.48	24.49	344	344	0.0000
10	7.58	31.480	7.40	10	7.58	31.480	7.40	24.59	335	335	0.0339
20	7.42	31.490	7.20	20	7.42	31.490	7.20	24.62	332	332	0.0673
26	7.42	31.510	7.07								
IN CHEON 866 , STATION 309-02 , 35-51.3. N, 126-02.0. E, APR.29.1987, 10:00 KST,											
DEPTH 37 , COLOR 5, TRANS. 4.5, WAVE SE 2, SWELL SE 1, WIND SE 2 , BARO 1035.5,											
AIR TEMP. DRY 10.0, WET , CLOUD, TYPE , AMT , WEATHER B											
0	7.37	31.720	7.54	0	7.37	31.720	7.54	24.81	314	314	0.0000
10	6.85	31.760	7.49	10	6.85	31.760	7.49	24.91	305	305	0.0309
20	6.79	31.760	7.30	20	6.79	31.760	7.30	24.92	304	304	0.0614
30	6.75	31.760	7.24	30	6.75	31.760	7.24	24.92	304	304	0.0918

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	O2	DEPTH	TEMP	SAL	O2	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 309-03 , 35-51.3. N, 125-49.3. E, APR. 29, 1987, 11:30 KST,
 DEPTH 50 , COLOR 4, TRANS. 5.7, WAVE SE 2, SWELL SE 1, WIND SE 2 , BARO 1035.5,
 AIR TEMP. DRY 12.0, WET , CLOUD. TYPE CS, AMT 05, WEATHER BC

0	8.56	31.860	7.48	0	8.56	31.860	7.48	24.75	320	320	0.0000
10	6.48	31.930	7.64	10	6.48	31.930	7.64	25.09	288	287	0.0304
20	6.29	31.970	7.31	20	6.29	31.970	7.31	25.14	282	282	0.0589
30	6.25	31.970	7.04	30	6.25	31.970	7.04	25.15	282	282	0.0871
48	6.61	31.970	6.91								

IN CHEON 866 , STATION 309-04 , 35-51.3. N, 125-37.0. E, APR. 29, 1987, 12:55 KST,
 DEPTH 53 , COLOR 4, TRANS. 9.2, WAVE SE 2, SWELL SE 1, WIND SE 1 , BARO 1035. ,
 AIR TEMP. DRY 11.7, WET , CLOUD. TYPE CS, AMT 02, WEATHER B

0	8.56	32.080	7.27	0	8.56	32.080	7.27	24.92	304	303	0.0000
10	6.81	32.090	7.48	10	6.81	32.090	7.48	25.17	280	279	0.0291
20	6.29	32.110	7.39	20	6.29	32.110	7.39	25.25	272	272	0.0568
30	6.16	32.130	7.00	30	6.16	32.130	7.00	25.29	269	269	0.0838
50	6.18	32.150	6.80	50	6.18	32.150	6.80	25.30	268	268	0.1376

IN CHEON 866 , STATION 309-05 , 35-51.3. N, 125-24.4. E, APR. 29, 1987, 14:45 KST,
 DEPTH 70 , COLOR , TRANS. 9.7, WAVE SW 2, SWELL SW 1, WIND SW 2 , BARO 1034.2,
 AIR TEMP. DRY 12.3, WET , CLOUD. TYPE CS, AMT 02, WEATHER B

0	9.31	32.220	7.38	0	9.31	32.220	7.38	24.91	304	304	0.0000
10	7.08	32.220	7.47	10	7.08	32.220	7.47	25.24	273	273	0.0289
20	6.28	32.250	7.40	20	6.28	32.250	7.40	25.37	261	261	0.0556
30	6.26	32.260	6.90	30	6.26	32.260	6.90	25.38	260	260	0.0817
50	6.21	32.260	6.69	50	6.21	32.260	6.69	25.38	260	260	0.1338
68	6.21	32.260	6.50								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 309-06 , 35-51.3. N, 125-12.3. E, APR. 29, 1987, 16:20 KST,
 DEPTH 64 , COLOR , TRANS. 9.0, WAVE SW 2, SWELL SW 1, WIND SW 2 , BARO 1030. ,
 AIR TEMP. DRY 10.8, WET , CLOUD. TYPE AC, AMT 02, WEATHER B

0	8.74	32.240	7.31	0	8.74	32.240	7.31	25.02	294	294	0.0000
10	6.83	32.260	7.52	10	6.83	32.260	7.52	25.30	267	267	0.0281
20	6.10	32.260	7.56	20	6.10	32.260	7.56	25.40	258	258	0.0544
30	6.08	32.270	7.00	30	6.08	32.270	7.00	25.41	257	257	0.0802
50	6.06	32.280	7.07	50	6.06	32.280	7.07	25.42	256	256	0.1317
60	6.06	32.270	7.03								

IN CHEON 866 , STATION 309-07 , 35-51.3. N, 125-00.0. E, APR. 29, 1987, 17:50 KST,
 DEPTH 65 , COLOR , TRANS. 8.5, WAVE S 2, SWELL S 1, WIND S 2 , BARO 1032. ,
 AIR TEMP. DRY 10.4, WET , CLOUD. TYPE AC, AMT 02, WEATHER B

0	9.26	32.270	7.52	0	9.26	32.270	7.52	24.96	300	300	0.0000
10	7.27	32.290	7.58	10	7.27	32.290	7.58	25.27	271	270	0.0285
20	6.58	32.300	7.47	20	6.58	32.300	7.47	25.37	261	261	0.0551
30	6.26	32.340	7.19	30	6.26	32.340	7.19	25.44	254	254	0.0809
50	6.19	32.340	7.23	50	6.19	32.340	7.23	25.45	253	254	0.1318
60	6.20	32.340	7.09								

IN CHEON 866 , STATION 309-08 , 35-51.3. N, 124-47.8. E, APR. 29, 1987, 19:20 KST,
 DEPTH 63 , COLOR , TRANS. , WAVE S 2, SWELL S 1, WIND S 2 , BARO 1033. ,
 AIR TEMP. DRY 9.1, WET , CLOUD. TYPE AC, AMT 03, WEATHER BC

0	9.20	32.340	7.49	0	9.20	32.340	7.49	25.02	294	293	0.0000
10	7.52	32.320	7.30	10	7.52	32.320	7.30	25.26	272	271	0.0282
20	7.11	32.340	7.28	20	7.11	32.340	7.28	25.33	265	265	0.0551
30	7.08	32.350	7.23	30	7.08	32.350	7.23	25.34	264	264	0.0816
50	6.50	32.420	6.89	50	6.50	32.420	6.89	25.47	251	251	0.1332
60	6.20	32.440	7.08								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 309-09 , 35-51.3. N, 124-35.1. E, APR. 29.1987, 22:55 KST,
 DEPTH 81 , COLOR , TRANS. , WAVE S 3, SWELL S 1, WIND S 3 , BARO 1034. ,
 AIR TEMP. DRY 9.3. WET , CLOUD. TYPE , AMT 00, WEATHER B

0	8.82	32.400	7.28	0	8.82	32.400	7.28	25.13	284	283	0.0000
10	7.80	32.460	7.18	10	7.80	32.460	7.18	25.33	265	265	0.0274
20	7.64	32.380	7.19	20	7.64	32.380	7.19	25.29	269	269	0.0541
30	7.04	32.380	7.14	30	7.04	32.380	7.14	25.37	261	261	0.0806
50	6.05	32.430	7.13	50	6.05	32.430	7.13	25.54	245	245	0.1314
75	6.08	32.470	7.06	75	6.08	32.470	7.06	25.56	242	243	0.1925

IN CHEON 866 , STATION 309-10 , 35-51.3. N, 124-22.8. E, APR. 29.1987, 22:30 KST,
 DEPTH 86 , COLOR , TRANS. , WAVE S 3, SWELL S 1, WIND S 4 , BARO 1035. ,
 AIR TEMP. DRY 9.1. WET , CLOUD. TYPE , AMT 00, WEATHER B

0	8.93	32.360	7.38	0	8.93	32.360	7.38	25.08	288	288	0.0000
10	7.73	32.350	7.12	10	7.73	32.350	7.12	25.25	272	272	0.0280
20	7.50	32.380	7.23	20	7.50	32.380	7.23	25.31	267	267	0.0550
30	6.94	32.340	7.20	30	6.94	32.340	7.20	25.35	263	263	0.0815
50	6.13	32.350	7.17	50	6.13	32.350	7.17	25.46	252	252	0.1331
75	6.00	32.390	6.89	75	6.00	32.390	6.89	25.51	247	248	0.1957
83	6.00	32.470	6.51								

6月(June)

IN CHEON 866 , STATION 309-01 , 35-51.3. N, 126-14.7. E, JUN. 11.1987, 06:40 KST,
 DEPTH 32 , COLOR 6, TRANS. 7.9, WAVE NE 2, SWELL NE 1, WIND NE 2 , BARO 1030.2,
 AIR TEMP. DRY 20.8. WET , CLOUD. TYPE AS, AMT 01, WEATHER B

0	17.12	30.403	6.99	0	17.12	30.403	6.99	21.99	584	583	0.0000
10	17.16	31.351	6.59	10	17.16	31.351	6.59	22.70	515	515	0.0549
20	14.06	31.668	6.38	20	14.06	31.668	6.38	23.62	427	428	0.1021
30	12.23	31.765	6.71	30	12.23	31.765	6.71	24.05	386	386	0.1429

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 309-02 , 35-51.3. N, 126-02.0. E, JUN. 11. 1987, 08:10 KST,
 DEPTH 37 , COLOR 5, TRANS. 9.7, WAVE NE 3, SWELL NE 1, WIND NE 3 , BARO 1031.2,
 AIR TEMP. DRY 21.5, WET , CLOUD. TYPE AS, AMT 02, WEATHER B

0	16.58	31.282	6.18	0	16.58	31.282	6.18	22.78	508	507	0.0000
10	14.19	31.738	6.49	10	14.19	31.738	6.49	23.65	425	425	0.0466
20	13.25	31.703	6.23	20	13.25	31.703	6.23	23.81	409	409	0.0884
30	10.53	31.830	7.82	30	10.53	31.830	7.82	24.41	352	353	0.1265

IN CHEON 866 , STATION 309-03 , 35-51.3. N, 125-49.3. E, JUN. 11. 1987, 09:40 KST,
 DEPTH 53 , COLOR 5, TRANS. 11.2, WAVE NE 2, SWELL NE 1, WIND NE 2 , BARO 1031.1,
 AIR TEMP. DRY 20.7, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	18.18	31.595	6.80	0	18.18	31.595	6.80	22.64	521	521	0.0000
10	15.91	31.857	6.65	10	15.91	31.857	6.65	23.37	451	451	0.0486
20	12.12	31.991	7.50	20	12.12	31.991	7.50	24.25	367	368	0.0896
30	9.05	32.049	7.09	30	9.05	32.049	7.09	24.82	313	313	0.1237
50	8.29	32.068	6.96	50	8.29	32.068	6.96	24.95	301	301	0.1852

IN CHEON 866 , STATION 309-04 , 35-51.3. N, 125-37.0. E, JUN. 11. 1987, 11:00 KST,
 DEPTH 57 , COLOR 5, TRANS. 7.1, WAVE N 2, SWELL N 1, WIND N 2 , BARO 1031. ,
 AIR TEMP. DRY 20.9, WET , CLOUD. TYPE ST, AMT 01, WEATHER B

0	18.18	31.776	6.06	0	18.18	31.776	6.06	22.78	508	507	0.0000
10	15.97	31.926	6.49	10	15.97	31.926	6.49	23.41	448	447	0.0477
20	8.36	32.134	6.37	20	8.36	32.134	6.37	24.99	297	297	0.0850
30	7.89	32.161	6.67	30	7.89	32.161	6.67	25.08	288	288	0.1143
50	7.66	32.176	6.90	50	7.66	32.176	6.90	25.12	284	285	0.1717

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 309-05 , 35-51.3. N, 125-24.4. E, JUN.11.1987, 12:30 KST,
 DEPTH 69 , COLOR 4, TRANS. 13.0, WAVE N 2, SWELL N 1, WIND N 2 , BARO 1030.5,
 AIR TEMP. DRY 22.3, WET , CLOUD. TYPE ST, AMT 01, WEATHER B

0	18.45	32.072	5.80	0	18.45	32.072	5.80	22.94	492	492	0.0000
10	14.03	32.103	6.29	10	14.03	32.103	6.29	23.96	395	395	0.0443
20	7.29	32.258	6.92	20	7.29	32.258	6.92	25.24	273	273	0.0778
30	7.13	32.261	7.17	30	7.13	32.261	7.17	25.26	271	271	0.1050
50	7.14	32.270	6.98	50	7.14	32.270	6.98	25.27	270	271	0.1593
67	7.13	32.278	7.18								

IN CHEON 866 , STATION 309-06 , 35-51.3. N, 125-12.3. E, JUN.11.1987, 14:00 KST,
 DEPTH 65 , COLOR 4, TRANS. 13.2, WAVE N 2, SWELL N 1, WIND N 2 , BARO 1029.6,
 AIR TEMP. DRY 21.5, WET , CLOUD. TYPE ST, AMT 01, WEATHER B

0	19.88	32.017	6.69	0	19.88	32.017	6.69	22.54	531	530	0.0000
10	15.86	32.053	6.07	10	15.86	32.053	6.07	23.53	436	436	0.0483
20	7.09	32.324	7.49	20	7.09	32.324	7.49	25.32	266	266	0.0834
30	6.88	32.344	7.18	30	6.88	32.344	7.18	25.36	261	262	0.1098
50	6.88	32.332	7.39	50	6.88	32.332	7.39	25.35	262	263	0.1624
63	6.88	32.344	7.08								

IN CHEON 866 , STATION 309-07 , 35-51.3. N, 125-00.0. E, JUN.11.1987, 15:40 KST,
 DEPTH 66 , COLOR 4, TRANS. 12.6, WAVE N 2, SWELL N 1, WIND N 2 , BARO 1028. ,
 AIR TEMP. DRY 24.8, WET , CLOUD. TYPE AC, AMT 04, WEATHER BC

0	20.33	32.014	5.88	0	20.33	32.014	5.88	22.42	542	542	0.0000
10	16.55	32.044	6.71	10	16.55	32.044	6.71	23.37	451	451	0.0497
20	11.15	32.274	6.49	20	11.15	32.274	6.49	24.65	330	330	0.0888
30	6.74	32.282	6.14	30	6.74	32.282	6.14	25.33	264	264	0.1185
50	6.71	32.384	5.42	50	6.71	32.384	5.42	25.42	256	257	0.1707
64	6.73	32.394	5.29								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 309-08 , 35-51.3. N, 124-47.8. E, JUN. 11. 1987, 17:20 KST,
 DEPTH 74 , COLOR 4, TRANS. 10.5, WAVE N 2, SWELL N 1, WIND N 2 , BARO 1028. ,
 AIR TEMP. DRY 21.6, WET , CLOUD. TYPE AC, AMT 04, WEATHER BC

0	19.50	32.053	7.82	0	19.50	32.053	7.82	22.66	519	519	0.0000
10	16.70	32.010	7.49	10	16.70	32.010	7.49	23.31	457	457	0.0488
20	9.62	32.284	7.69	20	9.62	32.284	7.69	24.91	304	304	0.0869
30	6.38	32.421	7.03	30	6.38	32.421	7.03	25.49	250	250	0.1147
50	6.35	32.429	6.97	50	6.35	32.429	6.97	25.50	249	249	0.1646
72	6.35	32.433	5.88								

IN CHEON 866 , STATION 309-09 , 35-51.3. N, 124-35.1. E, JUN. 11. 1987, 18:55 KST,
 DEPTH 77 , COLOR , TRANS. , WAVE NE 3, SWELL NE 1, WIND NE 3 , BARO 1038. 7,
 AIR TEMP. DRY 20.5, WET , CLOUD. TYPE CU, AMT 08, WEATHER C

0	18.88	31.995	6.00	0	18.88	31.995	6.00	22.78	508	508	0.0000
10	16.35	31.965	5.38	10	16.35	31.965	5.38	23.36	453	453	0.0480
20	7.88	32.211	6.30	20	7.88	32.211	6.30	25.12	284	284	0.0849
30	6.71	32.227	7.37	30	6.71	32.227	7.37	25.29	268	268	0.1126
50	6.00	32.390	7.79	50	6.00	32.390	7.79	25.51	247	248	0.1643
75	6.01	32.402	6.00	75	6.01	32.402	6.00	25.52	247	247	0.2263

IN CHEON 866 , STATION 309-10 , 35-51.3. N, 124-22.8. E, JUN. 11. 1987, 20:25 KST,
 DEPTH 88 , COLOR , TRANS. , WAVE NE 3, SWELL NE 1, WIND NE 3 , BARO 1028. 3,
 AIR TEMP. DRY 19.3, WET , CLOUD. TYPE CU, AMT 08, WEATHER C

0	19.09	31.987	6.51	0	19.09	31.987	6.51	22.72	514	513	0.0000
10	17.07	31.990	6.47	10	17.07	31.990	6.47	23.21	467	467	0.0490
20	14.63	31.999	6.68	20	14.63	31.999	6.68	23.76	414	415	0.0931
30	8.16	32.211	6.08	30	8.16	32.211	6.08	25.08	288	288	0.1283
50	7.78	32.301	5.47	50	7.78	32.301	5.47	25.21	276	277	0.1850
75	6.14	32.402	6.10	75	6.14	32.402	6.10	25.50	248	249	0.2508
85	5.98	32.406	7.29								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 309-04 , 35-51.3. N. 125-37.0. E. AUG. 12. 1987. 00:20 KST.
 DEPTH 57 , COLOR , TRANS. , WAVE SE 2, SWELL SE 1, WIND SE 3 , BARO 1020.8,
 AIR TEMP. DRY 23.3, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	23.13	31.720	5.41	0	23.13	31.720	5.41	21.43	637	636	0.0000
10	22.05	32.040	5.22	10	22.05	32.040	5.22	21.98	585	585	0.0610
20	20.89	32.420	5.39	20	20.89	32.420	5.39	22.58	527	527	0.1167
30	14.00	32.860	5.28	30	14.00	32.860	5.28	24.55	339	339	0.1601
50	12.97	32.910	5.36	50	12.97	32.910	5.36	24.80	315	316	0.2257

IN CHEON 866 , STATION 309-05 , 35-51.3. N. 125-24.4. E. AUG. 12. 1987. 02:00 KST.
 DEPTH 69 , COLOR , TRANS. , WAVE SW 2, SWELL SW 1, WIND SW 3 , BARO 1022. ,
 AIR TEMP. DRY 23.4, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	23.65	31.410	5.58	0	23.65	31.410	5.58	21.05	673	673	0.0000
10	23.38	31.480	5.22	10	23.38	31.480	5.22	21.18	661	661	0.0667
20	20.60	32.460	5.31	20	20.60	32.460	5.31	22.69	517	517	0.1256
30	13.65	33.030	5.58	30	13.65	33.030	5.58	24.75	319	320	0.1675
50	12.14	32.930	5.48	50	12.14	32.930	5.48	24.97	299	299	0.2296
65	11.46	32.940	5.49								

IN CHEON 866 , STATION 309-06 , 35-51.3. N. 125-12.3. E. AUG. 12. 1987. 03:40 KST,
 DEPTH 68 , COLOR , TRANS. , WAVE SW 2, SWELL SW 1, WIND SW 3 , BARO 1021.4,
 AIR TEMP. DRY 23.8, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	24.42	31.930	5.37	0	24.42	31.930	5.37	21.22	657	657	0.0000
10	24.40	32.070	5.52	10	24.40	32.070	5.52	21.33	647	647	0.0652
20	15.84	32.430	5.52	20	15.84	32.430	5.52	23.83	408	408	0.1180
30	11.26	33.140	5.71	30	11.26	33.140	5.71	25.30	268	268	0.1518
50	10.88	32.910	5.55	50	10.88	32.910	5.55	25.19	278	279	0.2066
65	10.73	32.900	5.41								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 309-07 , 35-51.3. N, 125-00.0. E, AUG.12.1987, 05:30 KST,
 DEPTH 70 , COLOR , TRANS. , WAVE SW 2, SWELL SW 1, WIND SW 3 , BARO 1020.8,
 AIR TEMP. DRY 23.7, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	24.08	31.650	5.52	0	24.08	31.650	5.52	21.11	668	668	0.0000
10	24.09	31.720	5.83	10	24.09	31.720	5.83	21.16	663	663	0.0666
20	18.69	32.250	6.04	20	18.69	32.250	6.04	23.02	485	485	0.1240
30	9.15	32.750	5.79	30	9.15	32.750	5.79	25.35	263	263	0.1615
50	8.69	32.730	5.58	50	8.69	32.730	5.58	25.41	257	258	0.2136
68	8.44	32.720	5.38								

IN CHEON 866 , STATION 309-08 , 35-51.3. N, 124-47.8. E, AUG.12.1987, 07:00 KST,
 DEPTH 77 , COLOR 3, TRANS. 20.0, WAVE SW 2, SWELL SW 1, WIND SW 3 , BARO 1021.4,
 AIR TEMP. DRY 24.4, WET , CLOUD. TYPE CU, AMT 03, WEATHER BC

0	24.81	31.210	5.59	0	24.81	31.210	5.59	20.56	721	720	0.0000
10	24.55	32.240	5.63	10	24.55	32.240	5.63	21.41	639	639	0.0679
20	15.39	32.430	5.69	20	15.39	32.430	5.69	23.93	398	399	0.1199
30	8.16	32.660	5.70	30	8.16	32.660	5.70	25.43	255	255	0.1526
50	8.07	32.670	5.49	50	8.07	32.670	5.49	25.45	253	253	0.2035
75	7.94	32.650	5.20	75	7.94	32.650	5.20	25.46	253	253	0.2670

IN CHEON 866 , STATION 309-09 , 35-51.3. N, 124-35.1. E, AUG.12.1987, 09:00 KST,
 DEPTH 79 , COLOR 3, TRANS. 16.0, WAVE S 2, SWELL S 1, WIND S 3 , BARO 1022. ,
 AIR TEMP. DRY 29.3, WET , CLOUD. TYPE CU, AMT 02, WEATHER B

0	24.98	32.160	5.43	0	24.98	32.160	5.43	21.22	657	656	0.0000
10	24.85	32.180	5.87	10	24.85	32.180	5.87	21.28	652	652	0.0654
20	23.93	32.260	5.91	20	23.93	32.260	5.91	21.61	620	620	0.1290
30	6.91	32.550	5.88	30	6.91	32.550	5.88	25.52	246	247	0.1724
50	6.83	32.550	5.71	50	6.83	32.550	5.71	25.53	245	246	0.2218
75	6.84	32.550	5.66	75	6.84	32.550	5.66	25.53	246	246	0.2834

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
IN CHEON 866 , STATION 309-10 , 35-51.3. N, 124-22.8. E, AUG.12.1987, 10:40 KST,											
DEPTH 87 , COLOR 3, TRANS. 18.0, WAVE S 2, SWELL S 1, WIND S 3 , BARO 1020. ,											
AIR TEMP. DRY 28.0, WET , CLOUD. TYPE CU, AMT 02. WEATHER B											
0	24.88	32.080	5.20	0	24.88	32.080	5.20	21.19	660	659	0.0000
10	24.37	32.170	5.73	10	24.37	32.170	5.73	21.41	639	639	0.0649
20	16.67	32.340	6.09	20	16.67	32.340	6.09	23.57	432	433	0.1185
30	6.93	32.550	5.60	30	6.93	32.550	5.60	25.52	247	247	0.1525
50	6.50	32.570	5.66	50	6.50	32.570	5.66	25.59	240	240	0.2013
73	6.44	32.590	5.82	75	6.42	32.595	5.81	25.62	237	238	0.2612
85	6.36	32.620	5.78								

10月(October)

IN CHEON 866 , STATION 309-01 , 35-51.3. N, 126-14.7. E, OCT. 24. 1987, 09:00 KST,											
DEPTH 29 , COLOR 5, TRANS. 6.0, WAVE NE 2, SWELL NE 1, WIND NE 1 , BARO 1022. ,											
AIR TEMP. DRY 16.0, WET , CLOUD. TYPE AC, AMT 07, WEATHER BC											
0	17.05	31.694	6.49	0	17.05	31.694	6.49	22.99	488	488	0.0000
10	17.08	31.695	6.30	10	17.08	31.695	6.30	22.98	489	489	0.0488
20	17.11	31.698	6.06	20	17.11	31.698	6.06	22.98	489	489	0.0977
27	17.08	31.840	6.00								

IN CHEON 866 , STATION 309-02 , 35-51.3. N, 126-02.0. E, OCT. 24. 1987, 10:20 KST,											
DEPTH 39 , COLOR 5, TRANS. 9.5, WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1024. ,											
AIR TEMP. DRY 18.5, WET , CLOUD. TYPE AC, AMT 02, WEATHER B											
0	16.90	31.929	6.61	0	16.90	31.929	6.61	23.20	467	467	0.0000
10	16.78	31.937	6.41	10	16.78	31.937	6.41	23.24	464	464	0.0466
20	16.69	31.949	6.21	20	16.69	31.949	6.21	23.27	461	462	0.0929
30	16.56	31.994	6.10	30	16.56	31.994	6.10	23.33	455	456	0.1388
36	16.44	31.995	5.86								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 309-03 , 35-51.3. N, 125-49.3. E, OCT. 24, 1987, 12:10 KST,
 DEPTH 54 , COLOR 4, TRANS. 9.0, WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1024. ,
 AIR TEMP. DRY 19.2, WET , CLOUD. TYPE AS, AMT 01, WEATHER B

0	17.22	31.829	6.49	0	17.22	31.829	6.49	23.05	482	482	0.0000
10	17.99	31.846	6.30	10	17.99	31.846	6.30	22.88	498	498	0.0490
20	16.64	31.899	6.19	20	16.64	31.899	6.19	23.24	464	464	0.0971
30	15.59	32.017	6.13	30	15.59	32.017	6.13	23.56	433	433	0.1421
50	14.95	32.224	5.92	50	14.95	32.224	5.92	23.86	404	405	0.2260

IN CHEON 866 , STATION 309-04 , 35-51.3. N, 125-37.0. E, OCT. 24, 1987, 13:40 KST,
 DEPTH 62 , COLOR 4, TRANS. 17.0, WAVE N 3, SWELL N 1, WIND N 4 , BARO 1025. ,
 AIR TEMP. DRY 18.7, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	17.76	31.894	6.30	0	17.76	31.894	6.30	22.97	489	489	0.0000
10	17.70	31.883	6.46	10	17.70	31.883	6.46	22.98	489	489	0.0489
20	17.70	31.898	5.92	20	17.70	31.898	5.92	22.99	488	488	0.0978
30	16.49	32.014	6.03	30	16.49	32.014	6.03	23.36	452	453	0.1449
50	13.23	32.451	5.82	50	13.23	32.451	5.82	24.39	354	355	0.2257
60	13.24	32.447	5.91								

IN CHEON 866 , STATION 309-05 , 35-51.3. N, 125-24.4. E, OCT. 24, 1987, 15:30 KST,
 DEPTH 66 , COLOR 3, TRANS. 18.0, WAVE N 3, SWELL N 1, WIND N 4 , BARO 1024. ,
 AIR TEMP. DRY 18.4, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	18.73	31.852	6.24	0	18.73	31.852	6.24	22.70	515	515	0.0000
10	18.59	31.844	6.00	10	18.59	31.844	6.00	22.73	512	512	0.0513
20	18.35	31.833	5.78	20	18.35	31.833	5.78	22.78	507	508	0.1024
30	18.23	31.829	6.08	30	18.23	31.829	6.08	22.81	505	505	0.1531
50	12.07	32.447	5.91	50	12.07	32.447	5.91	24.61	333	334	0.2371
62	11.98	32.459	5.80								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 309-06 , 35-51.3. N, 125-12.3. E, OCT. 24, 1987, 17:05 KST.
 DEPTH 64 , COLOR 3, TRANS. 19.0, WAVE N 4, SWELL N 2, WIND N 5 , BARO 1020. ,
 AIR TEMP. DRY 17.2, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	18.68	31.898	6.41	0	18.68	31.898	6.41	22.75	510	510	0.0000
10	18.60	31.902	6.03	10	18.60	31.902	6.03	22.77	508	508	0.0509
20	18.56	31.906	5.97	20	18.56	31.906	5.97	22.79	507	507	0.1017
30	18.53	31.898	5.78	30	18.53	31.898	5.78	22.79	507	507	0.1525
50	11.32	32.455	6.01	50	11.32	32.455	6.01	24.76	319	320	0.2354
60	11.32	32.459	5.71								

IN CHEON 866 , STATION 309-07 , 35-51.3. N, 125-00.0. E, OCT. 24, 1987, 18:45 KST.
 DEPTH 66 , COLOR , TRANS. , WAVE N 4, SWELL N 2, WIND N 5 , BARO 1017. ,
 AIR TEMP. DRY 16.8, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	18.46	31.794	6.30	0	18.46	31.794	6.30	22.73	513	513	0.0000
10	18.45	31.794	6.19	10	18.45	31.794	6.19	22.73	513	513	0.0513
20	18.44	31.790	5.89	20	18.44	31.790	5.89	22.73	513	513	0.1026
30	18.42	31.779	5.92	30	18.42	31.779	5.92	22.73	513	514	0.1540
50	11.06	32.487	6.04	50	11.06	32.487	6.04	24.83	312	313	0.2367
63	10.96	32.485	5.56								

IN CHEON 866 , STATION 309-08 , 35-51.3. N, 124-47.8. E, OCT. 24, 1987, 20:20 KST.
 DEPTH 74 , COLOR , TRANS. , WAVE W 5, SWELL W 2, WIND W 6 , BARO 1018. ,
 AIR TEMP. DRY 17.8, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	18.69	31.894	6.30	0	18.69	31.894	6.30	22.75	511	511	0.0000
10	18.68	31.875	6.33	10	18.68	31.875	6.33	22.73	512	512	0.0511
20	18.69	31.871	6.48	20	18.69	31.871	6.48	22.73	513	513	0.1024
30	18.66	31.821	6.39	30	18.66	31.821	6.39	22.70	516	516	0.1539
50	11.02	32.499	5.99	50	11.02	32.499	5.99	24.84	311	312	0.2368
70	10.46	32.491	5.51								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 309-09 , 35-51.3. N, 124-35.1. E, OCT. 24, 1987, 21:55 KST,
 DEPTH 79 , COLOR , TRANS. , WAVE W 5, SWELL W 2, WIND W 6 , BARO 1020. ,
 AIR TEMP. DRY 17.2, WET , CLOUD, TYPE , AMT 00, WEATHER B

0	18.74	31.890	6.31	0	18.74	31.890	6.31	22.73	512	512	0.0000
10	18.50	31.891	6.40	10	18.50	31.891	6.40	22.79	507	507	0.0509
20	18.25	31.896	6.60	20	18.25	31.896	6.60	22.86	501	501	0.1014
30	17.71	32.117	6.42	30	17.71	32.117	6.42	23.15	472	472	0.1501
50	10.43	32.586	6.06	50	10.43	32.586	6.06	25.01	295	295	0.2270
75	9.83	32.580	5.64	75	9.83	32.580	5.64	25.11	286	287	0.2999

IN CHEON 866 , STATION 309-10 , 35-51.3. N, 124-22.8. E, OCT. 24, 1987, 23:10 KST,
 DEPTH 77 , COLOR , TRANS. , WAVE W 5, SWELL W 2, WIND W 5 , BARO 1019. ,
 AIR TEMP. DRY 16.4, WET , CLOUD, TYPE , AMT 00, WEATHER B

0	18.76	31.864	6.64	0	18.76	31.864	6.64	22.71	515	515	0.0000
10	18.72	31.866	6.78	10	18.72	31.866	6.78	22.72	514	514	0.0514
20	18.70	31.950	6.53	20	18.70	31.950	6.53	22.79	507	507	0.1025
30	17.04	32.445	6.27	30	17.04	32.445	6.27	23.56	433	433	0.1496
50	10.42	32.590	6.15	50	10.42	32.590	6.15	25.02	294	295	0.2225
75	9.98	32.586	5.92	75	9.98	32.586	5.92	25.09	288	289	0.2956

12月(December)

IN CHEON 866 , STATION 309-01 , 35-51.3. N, 126-14.7. E, DEC. 13, 1987, 09:40 KST,
 DEPTH 32 , COLOR 6, TRANS. 3.0, WAVE N 3, SWELL N 1, WIND N 4 , BARO 1022. ,
 AIR TEMP. DRY 4.4, WET , CLOUD, TYPE CU, AMT 08, WEATHER C

0	10.88	32.306	7.42	0	10.88	32.306	7.42	24.72	323	323	0.0000
10	11.00	32.275	7.17	10	11.00	32.275	7.17	24.67	327	327	0.0325
20	11.02	32.275	6.68	20	11.02	32.275	6.68	24.67	327	328	0.0653
30	11.06	32.283	6.63	30	11.06	32.283	6.63	24.67	328	328	0.0981

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 309-02 , 35-51.3. N, 126-02.0. E, DEC. 13, 1987, 11:00 KST,
 DEPTH 37 , COLOR 6, TRANS 6.0, WAVE N 4, SWELL N 2, WIND N 5 , BARO 1023. ,
 AIR TEMP. DRY 5.1, WET , CLOUD, TYPE CU, AMT 10, WEATHER C

0	10.07	32.295	7.36	0	10.07	32.295	7.36	24.85	311	310	0.0000
10	10.95	32.291	7.08	10	10.95	32.291	7.08	24.69	325	325	0.0318
20	11.05	32.314	6.71	20	11.05	32.314	6.71	24.69	325	325	0.0643
30	11.08	32.302	6.69	30	11.08	32.302	6.69	24.68	326	327	0.0970

IN CHEON 866 , STATION 309-03 , 35-51.3. N, 125-49.3. E, DEC. 14, 1987, 09:55 KST,
 DEPTH 54 , COLOR 6, TRANS. 8.0, WAVE S 4, SWELL S 2, WIND S 5 , BARO 1022. ,
 AIR TEMP. DRY 6.2, WET , CLOUD, TYPE CU, AMT 08, WEATHER C

0	10.66	32.306	7.28	0	10.66	32.306	7.28	24.76	319	319	0.0000
10	11.29	32.299	6.88	10	11.29	32.299	6.88	24.64	330	330	0.0325
20	11.03	32.314	6.61	20	11.03	32.314	6.61	24.70	325	325	0.0653
30	11.05	32.295	6.78	30	11.05	32.295	6.78	24.68	327	327	0.0979
50	11.06	32.372	6.81	50	11.06	32.372	6.81	24.74	321	322	0.1628

IN CHEON 866 , STATION 309-04 , 35-51.3. N, 125-37.0. E, DEC. 14, 1987, 11:25 KST,
 DEPTH 55 , COLOR 5, TRANS. 9.5, WAVE S 4, SWELL S 2, WIND S 5 , BARO 1022. ,
 AIR TEMP. DRY 7.0, WET , CLOUD, TYPE CU, AMT 09, WEATHER C

0	10.75	32.392	7.50	0	10.75	32.392	7.50	24.81	314	314	0.0000
10	11.20	32.391	6.81	10	11.20	32.391	6.81	24.73	322	322	0.0318
20	10.96	32.391	6.61	20	10.96	32.391	6.61	24.77	318	318	0.0638
30	10.97	32.423	6.91	30	10.97	32.423	6.91	24.79	316	316	0.0956
50	10.98	32.420	6.61	50	10.98	32.420	6.61	24.79	316	317	0.1590

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 309-05 , 35-51.3. N, 125-24.4. E, DEC.14.1987, 12:50 KST,
 DEPTH 69 , COLOR 4, TRANS. 10.0, WAVE NW 3, SWELL NW 1, WIND NW 4 , BARO 1022. ,
 AIR TEMP. DRY 9.3, WET , CLOUD, TYPE CU, AMT 05, WEATHER BC

0	10.23	32.415	7.38	0	10.23	32.415	7.38	24.91	304	304	0.0000
10	10.61	32.357	7.01	10	10.61	32.357	7.01	24.80	315	315	0.0309
20	10.69	32.364	6.88	20	10.69	32.364	6.88	24.80	315	315	0.0625
30	10.71	32.380	6.79	30	10.71	32.380	6.79	24.81	315	315	0.0940
50	10.73	32.604	6.79	50	10.73	32.604	6.79	24.98	298	299	0.1555
67	10.75	32.604	6.76								

IN CHEON 866 , STATION 309-06 , 35-51.3. N, 125-12.3. E, DEC.14.1987, 14:20 KST,
 DEPTH 65 , COLOR 4, TRANS. 11.0, WAVE W 3, SWELL W 1, WIND W 4 , BARO 1024. ,
 AIR TEMP. DRY 9.4, WET , CLOUD, TYPE CU, AMT 04, WEATHER BC

0	10.64	32.519	7.49	0	10.64	32.519	7.49	24.93	303	303	0.0000
10	10.84	32.546	7.30	10	10.84	32.546	7.30	24.91	304	304	0.0304
20	10.86	32.508	6.79	20	10.86	32.508	6.79	24.88	308	308	0.0610
30	10.90	32.480	6.90	30	10.90	32.480	6.90	24.85	310	311	0.0920
50	10.82	32.539	6.91	50	10.82	32.539	6.91	24.91	305	305	0.1537
63	10.88	32.604	6.88								

IN CHEON 866 , STATION 309-07 , 35-51.3. N, 125-00.0. E, DEC.14.1987, 15:45 KST,
 DEPTH 66 , COLOR , TRANS. 12.5, WAVE W 4, SWELL W 2, WIND W 5 , BARO 1025. ,
 AIR TEMP. DRY 8.2, WET , CLOUD, TYPE CU, AMT 03, WEATHER BC

0	10.49	32.515	7.28	0	10.49	32.515	7.28	24.95	301	301	0.0000
10	10.65	32.519	7.01	10	10.65	32.519	7.01	24.92	303	303	0.0302
20	10.69	32.511	6.88	20	10.69	32.511	6.88	24.91	305	305	0.0606
30	10.70	32.508	6.69	30	10.70	32.508	6.69	24.91	305	305	0.0912
50	10.70	32.519	6.68	50	10.70	32.519	6.68	24.91	304	305	0.1523
64	10.70	32.546	6.88								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 309-08 , 35-51.3. N, 124-47.8. E, DEC. 14, 1987, 17:10 KST.
 DEPTH 74 , COLOR , TRANS. , WAVE W 4, SWELL W 2, WIND W 5 , BARO 1025. ,
 AIR TEMP. DRY 6.7. WET , CLOUD. TYPE AC, AMT 03, WEATHER BC

0	10.34	32.407	7.39	0	10.34	32.407	7.39	24.89	307	306	0.0000
10	10.37	32.399	7.47	10	10.37	32.399	7.47	24.88	308	307	0.0307
20	10.68	32.391	6.80	20	10.68	32.391	6.80	24.82	313	313	0.0618
30	10.41	32.399	6.75	30	10.41	32.399	6.75	24.87	308	309	0.0929
50	10.44	32.434	6.62	50	10.44	32.434	6.62	24.89	306	307	0.1546
72	10.12	32.740	6.37								

IN CHEON 866 , STATION 309-09 , 35-51.3. N, 124-35.1. E, DEC. 14, 1987, 18:35 KST.
 DEPTH 79 , COLOR , TRANS. , WAVE W 4, SWELL W 2, WIND W 5 , BARO 1025. ,
 AIR TEMP. DRY 7.2. WET , CLOUD. TYPE AC, AMT 02, WEATHER B

0	10.25	32.318	7.17	0	10.25	32.318	7.17	24.84	312	311	0.0000
10	10.28	32.326	7.10	10	10.28	32.326	7.10	24.84	312	311	0.0311
20	10.43	32.318	6.92	20	10.43	32.318	6.92	24.80	315	315	0.0625
30	10.31	32.340	6.79	30	10.31	32.340	6.79	24.84	311	311	0.0938
50	10.39	32.411	6.58	50	10.39	32.411	6.58	24.88	307	308	0.1558
75	10.09	32.701	6.28	75	10.09	32.701	6.28	25.16	281	282	0.2297

IN CHEON 866 , STATION 309-10 , 35-51.3. N, 124-22.8. E, DEC. 14, 1987, 20:00 KST.
 DEPTH 80 , COLOR , TRANS. , WAVE W 4, SWELL W 2, WIND W 5 , BARO 1025. ,
 AIR TEMP. DRY 6.2. WET , CLOUD. TYPE AC, AMT 02, WEATHER B

0	9.82	32.229	7.07	0	9.82	32.229	7.07	24.84	311	311	0.0000
10	9.89	32.237	7.06	10	9.89	32.237	7.06	24.83	312	312	0.0312
20	10.04	32.244	6.68	20	10.04	32.244	6.68	24.81	314	314	0.0625
30	9.98	32.257	6.52	30	9.98	32.257	6.52	24.83	312	312	0.0938
50	9.92	32.279	6.30	50	9.92	32.279	6.30	24.86	309	310	0.1561
75	9.93	32.283	6.09	75	9.93	32.283	6.09	24.86	309	310	0.2338

310 線 海洋觀測 成績 Oceanographic Data. Line 310

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

2月(February)

JEONBUK 868 , STATION 310-03 , 35-20.1. N, 125-49.3. E, FEB. 7. 1987, 17:30 KST,
 DEPTH 27 , COLOR , TRANS. 4.0, WAVE NW 1, SWELL NW 1, WIND NW 1 , BARO 1024. ,
 AIR TEMP. DRY 6.7, WET , CLOUD. TYPE AS, AMT 05, WEATHER BC

0	5.80	32.059	7.22	0	5.80	32.059	7.22	25.27	270	270	0.0000
10	5.10	31.997	7.32	10	5.10	31.997	7.32	25.31	267	267	0.0268
20	5.10	31.978	7.17	20	5.10	31.978	7.17	25.29	268	268	0.0536
25	5.10	31.989	7.17								

JEONBUK 868 , STATION 310-04 , 35-20.1. N, 125-36.5. E, FEB. 7. 1987, 19:00 KST,
 DEPTH 60 , COLOR , TRANS. , WAVE NW 1, SWELL NW 1, WIND NW 1 , BARO 1024. ,
 AIR TEMP. DRY 7.0, WET , CLOUD. TYPE , AMT , WEATHER

0	6.79	32.136	7.42	0	6.79	32.136	7.42	25.21	276	276	0.0000
10	6.29	32.206	7.38	10	6.29	32.206	7.38	25.33	265	264	0.0270
20	6.22	32.225	7.37	20	6.22	32.225	7.37	25.35	262	262	0.0534
30	6.21	32.221	7.37	30	6.21	32.221	7.37	25.35	263	263	0.0797
58	6.21	32.194	7.25	50	6.21	32.201	7.28	25.34	264	264	0.1325

JEONBUK 868 , STATION 310-05 , 35-20.1. N, 125-24.4. E, FEB. 7. 1987, 20:30 KST,
 DEPTH 71 , COLOR , TRANS. , WAVE NW 1, SWELL NW 1, WIND NW 1 , BARO 1024. 5,
 AIR TEMP. DRY 6.2, WET , CLOUD. TYPE , AMT , WEATHER

0	7.27	32.287	7.47	0	7.27	32.287	7.47	25.27	271	270	0.0000
10	7.11	32.322	7.37	10	7.11	32.322	7.37	25.31	266	266	0.0268

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
20	7.10	32.349	7.42	20	7.10	32.349	7.42	25.34	264	264	0.0534
30	7.09	32.349	7.27	30	7.09	32.349	7.27	25.34	264	264	0.0798
50	7.07	32.368	7.19	50	7.07	32.368	7.19	25.36	262	262	0.1325
69	7.06	32.388	7.02								

JEONBUK 868 , STATION 310-06 , 35-20.1. N, 125-12.1. E, FEB. 7.1987, 22:05 KST,
 DEPTH 72 , COLOR , TRANS. , WAVE NW 1, SWELL NW 1, WIND NW 1 , BARO 1025. ,
 AIR TEMP. DRY 6.1, WET , CLOUD. TYPE , AMT , WEATHER

0	7.44	32.264	7.27	0	7.44	32.264	7.27	25.22	275	274	0.0000
10	7.39	32.264	7.17	10	7.39	32.264	7.17	25.23	274	274	0.0274
20	7.30	32.422	7.12	20	7.30	32.422	7.12	25.37	261	261	0.0542
30	7.31	32.399	7.15	30	7.31	32.399	7.15	25.35	263	263	0.0805
50	7.29	32.326	7.07	50	7.29	32.326	7.07	25.29	268	268	0.1337
70	7.29	32.430	6.77								

JEONBUK 868 , STATION 310-07 , 35-20.1. N, 125-00.0. E, FEB. 7.1987, 23:35 KST,
 DEPTH 81 , COLOR , TRANS. , WAVE NW 1, SWELL NW 1, WIND NW 1 , BARO 1025. ,
 AIR TEMP. DRY 4.7, WET , CLOUD. TYPE , AMT , WEATHER F

0	7.49	32.473	6.67	0	7.49	32.473	6.67	25.38	260	259	0.0000
10	7.39	32.457	6.65	10	7.39	32.457	6.65	25.38	260	259	0.0259
20	7.37	32.449	6.57	20	7.37	32.449	6.57	25.38	260	260	0.0520
30	7.39	32.469	6.62	30	7.39	32.469	6.62	25.39	259	259	0.0779
50	7.35	32.446	6.62	50	7.35	32.446	6.62	25.38	260	260	0.1300
79	7.34	32.426	6.67	75	7.34	32.428	6.66	25.37	261	262	0.1953

JEONBUK 868 , STATION 310-08 , 35-20.1. N, 124-47.9. E, FEB. 8.1987, 01:15 KST,
 DEPTH 87 , COLOR , TRANS. , WAVE NW 1, SWELL NW 1, WIND NW 1 , BARO 1025.5,
 AIR TEMP. DRY 4.7, WET , CLOUD. TYPE , AMT , WEATHER F

0	7.60	32.488	6.77	0	7.60	32.488	6.77	25.38	260	260	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
10	7.71	32.511	6.67	10	7.71	32.511	6.67	25.38	260	260	0.0260
20	7.71	32.484	6.57	20	7.71	32.484	6.57	25.36	262	262	0.0521
30	7.70	32.496	6.52	30	7.70	32.496	6.52	25.37	261	261	0.0783
50	7.69	32.504	6.37	50	7.69	32.504	6.37	25.38	260	261	0.1305
75	7.60	32.480	6.25	75	7.60	32.480	6.25	25.37	261	261	0.1959
85	7.51	32.473	6.59								
JEONBUK 868 , STATION 310-09 , 35-20.1. N, 124-35.6. E, FEB. 8, 1987, 02:50 KST, DEPTH 92 , COLOR , TRANS. , WAVE NW 1, SWELL NW 1, WIND NW 1 , BARO 1026. , AIR TEMP. DRY 4.8, WET , CLOUD, TYPE , AMT , WEATHER F											
0	7.95	32.453	6.57	0	7.95	32.453	6.57	25.30	267	267	0.0000
10	8.17	32.523	6.62	10	8.17	32.523	6.62	25.32	265	265	0.0266
20	8.14	32.515	6.57	20	8.14	32.515	6.57	25.32	265	265	0.0532
30	8.14	32.573	6.47	30	8.14	32.573	6.47	25.37	261	261	0.0796
50	8.14	32.593	6.42	50	8.14	32.593	6.42	25.38	260	260	0.1318
75	8.11	32.573	6.57	75	8.11	32.573	6.57	25.37	261	262	0.1971
90	8.15	32.581	6.52								
JEONBUK 868 , STATION 310-10 , 35-20.1. N, 124-23.5. E, FEB. 8, 1987, 04:30 KST, DEPTH 91 , COLOR , TRANS. , WAVE NW 1, SWELL NW 1, WIND NW 1 , BARO 1026. , AIR TEMP. DRY 5.2, WET , CLOUD, TYPE , AMT , WEATHER F											
0	8.08	32.589	6.49	0	8.08	32.589	6.49	25.39	259	259	0.0000
10	8.40	32.601	6.55	10	8.40	32.601	6.55	25.35	263	263	0.0261
20	8.35	32.589	6.62	20	8.35	32.589	6.62	25.35	263	263	0.0524
30	8.30	32.588	6.67	30	8.30	32.588	6.67	25.35	262	262	0.0787
50	8.31	32.577	6.67	50	8.31	32.577	6.67	25.34	263	264	0.1314
75	8.27	32.697	6.49	75	8.27	32.697	6.49	25.44	254	255	0.1963
88	9.04	32.763	6.69								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

4 月(April)

JEONBUK 868 , STATION 310-03 , 35-20.1. N, 125-49.3. E, APR. 7. 1987, 21:30 KST,
 DEPTH 27 , COLOR , TRANS. , WAVE NW 1, SWELL NW 1, WIND NW 1 , BARO 1020. ,
 AIR TEMP. DRY 6.5, WET , CLOUD. TYPE , AMT , WEATHER F

0	6.02	31.835	6.94	0	6.02	31.835	6.94	25.07	289	289	0.0000
10	6.02	31.742	6.85	10	6.02	31.742	6.85	25.00	296	296	0.0292
20	5.43	31.761	6.96	20	5.43	31.761	6.96	25.08	288	288	0.0585
25	5.11	31.839	6.96								

JEONBUK 868 , STATION 310-04 , 35-20.1. N, 125-36.5. E, APR. 7. 1987, 23:00 KST,
 DEPTH 58 , COLOR , TRANS. , WAVE NW 1, SWELL NW 1, WIND NW 1 , BARO 1020. ,
 AIR TEMP. DRY 6.5, WET , CLOUD. TYPE , AMT , WEATHER F

0	6.00	31.927	6.96	0	6.00	31.927	6.96	25.15	282	282	0.0000
10	5.90	31.993	6.88	10	5.90	31.993	6.88	25.21	276	276	0.0279
20	5.30	31.985	7.01	20	5.30	31.985	7.01	25.27	270	270	0.0552
30	5.63	32.063	7.01	30	5.63	32.063	7.01	25.30	268	268	0.0821
56	5.11	32.066	6.56	50	5.23	32.065	6.66	25.34	263	263	0.1354

JEONBUK 868 , STATION 310-05 , 35-20.1. N, 125-24.4. E, APR. 8. 1987, 00:30 KST,
 DEPTH 72 , COLOR , TRANS. , WAVE NW 1, SWELL NW 1, WIND NW 1 , BARO 1020. ,
 AIR TEMP. DRY 5.5, WET , CLOUD. TYPE , AMT , WEATHER F

0	6.32	32.225	7.06	0	6.32	32.225	7.06	25.34	264	263	0.0000
10	5.90	32.256	7.01	10	5.90	32.256	7.01	25.42	256	256	0.0260
20	5.52	32.244	6.96	20	5.52	32.244	6.96	25.45	253	253	0.0515
30	5.51	32.248	6.95	30	5.51	32.248	6.95	25.46	253	253	0.0768
50	5.53	32.252	6.46	50	5.53	32.252	6.46	25.46	252	253	0.1274
70	5.60	32.279	6.21								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

JEONBUK 868 , STATION 310-06 , 35-20.1. N, 125-12.1. E, APR. 8. 1987, 02:05 KST.
 DEPTH 72 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 2 , BARO 1020. ,
 AIR TEMP. DRY 5.6, WET , CLOUD. TYPE , AMT , WEATHER F
 0 6.73 32.461 6.81 0 6.73 32.461 6.81 25.47 251 251 0.0000
 10 6.70 32.469 6.80 10 6.70 32.469 6.80 25.48 250 250 0.0250
 20 5.90 32.453 6.66 20 5.90 32.453 6.66 25.57 242 241 0.0496
 30 5.53 32.449 6.48 30 5.53 32.449 6.48 25.61 238 238 0.0736
 50 5.84 32.457 6.21 50 5.84 32.457 6.21 25.58 241 241 0.1216
 70 5.85 32.461 6.16

JEONBUK 868 , STATION 310-07 , 35-20.1. N, 125-00.0. E, APR. 8. 1987, 03:35 KST.
 DEPTH 82 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 2 , BARO 1020. ,
 AIR TEMP. DRY 5.3, WET , CLOUD. TYPE , AMT , WEATHER F
 0 7.03 32.461 6.84 0 7.03 32.461 6.84 25.43 255 254 0.0000
 10 7.04 32.469 6.70 10 7.04 32.469 6.70 25.44 254 254 0.0254
 20 6.20 32.453 6.57 20 6.20 32.453 6.57 25.54 245 245 0.0504
 30 6.10 32.449 6.40 30 6.10 32.449 6.40 25.54 244 244 0.0749
 50 6.09 32.457 6.27 50 6.09 32.457 6.27 25.55 243 244 0.1238
 80 6.18 32.461 6.04 80 6.16 32.460 6.07 25.55 244 245 0.1850

JEONBUK 868 , STATION 310-08 , 35-20.1. N, 124-47.9. E, APR. 8. 1987, 05:10 KST.
 DEPTH 87 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 2 , BARO 1020. ,
 AIR TEMP. DRY 5.3, WET , CLOUD. TYPE , AMT , WEATHER F
 0 7.15 32.492 6.88 0 7.15 32.492 6.88 25.44 254 254 0.0000
 10 7.15 32.535 6.86 10 7.15 32.535 6.86 25.48 251 250 0.0252

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
20	7.14	32.535	6.63	20	7.14	32.535	6.63	25.48	251	251	0.0503
30	7.22	32.624	6.56	30	7.22	32.624	6.56	25.54	245	245	0.0751
50	6.90	32.628	6.51	50	6.90	32.628	6.51	25.58	241	241	0.1238
75	7.00	32.756	6.41	75	7.00	32.756	6.41	25.67	232	233	0.1832
85	7.16	32.728	6.16								

JEONBUK 868 , STATION 310-09 , 35-20.1. N, 124-35.6. E, APR. 8. 1987, 06:40 KST,
 DEPTH 92 , COLOR , TRANS. 6.0, WAVE NE 1, SWELL NE 1, WIND NE 1 , BARO 1020. ,
 AIR TEMP. DRY 6.3, WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	7.80	32.736	6.84	0	7.80	32.736	6.84	25.54	244	244	0.0000
10	7.71	32.732	6.86	10	7.71	32.732	6.86	25.55	243	243	0.0244
20	7.71	32.752	6.61	20	7.71	32.752	6.61	25.57	242	242	0.0487
30	7.55	32.682	6.66	30	7.55	32.682	6.66	25.54	245	245	0.0731
50	7.23	32.736	6.57	50	7.23	32.736	6.57	25.62	237	237	0.1214
75	7.38	32.763	6.51	75	7.38	32.763	6.51	25.62	237	237	0.1808
90	7.49	32.798	6.46								

JEONBUK 868 , STATION 310-10 , 35-20.1. N, 124-23.5. E, APR. 8. 1987, 08:15 KST,
 DEPTH 90 , COLOR , TRANS. 7.0, WAVE NE 1, SWELL NE 1, WIND NE 1 , BARO 1020.5,
 AIR TEMP. DRY 7.2, WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	8.10	32.860	6.64	0	8.10	32.860	6.64	25.60	239	239	0.0000
10	7.99	32.876	6.61	10	7.99	32.876	6.61	25.63	236	236	0.0238
20	7.95	32.856	6.56	20	7.95	32.856	6.56	25.62	237	237	0.0475
30	7.90	32.876	6.50	30	7.90	32.876	6.50	25.64	235	235	0.0712
50	7.61	32.911	6.46	50	7.61	32.911	6.46	25.71	229	229	0.1177
75	7.60	32.934	6.44	75	7.60	32.934	6.44	25.73	227	228	0.1750
88	7.64	32.903	6.46								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

6月(June)

JEONBUK 868 , STATION 310-03 , 35-20.1. N, 125-49.3. E, JUN. 9.1987, 17:35 KST,
 DEPTH 27 , COLOR 7, TRANS. 4.0, WAVE NW 1, SWELL NW 1, WIND NW 1 , BARO 1015. ,
 AIR TEMP. DRY 19.7, WET , CLOUD, TYPE , AMT 00, WEATHER B

0	17.88	32.260	6.47	0	17.88	32.260	6.47	23.22	465	465	0.0000
10	15.16	32.415	6.12	10	15.16	32.415	6.12	23.96	395	395	0.0430
20	11.57	32.264	6.22	20	11.57	32.264	6.22	24.56	338	338	0.0797
25	9.21	32.256	6.02								

JEONBUK 868 , STATION 310-04 , 35-20.1. N, 125-36.5. E, JUN. 9.1987, 19:05 KST,
 DEPTH 60 , COLOR 7, TRANS. 1.0, WAVE NW 1, SWELL NW 1, WIND NW 1 , BARO 1013.5,
 AIR TEMP. DRY 18.4, WET , CLOUD, TYPE , AMT 00, WEATHER B

0	16.92	32.171	6.22	0	16.92	32.171	6.22	23.38	450	450	0.0000
10	13.88	32.620	6.47	10	13.88	32.620	6.47	24.39	354	354	0.0402
20	11.50	32.654	6.27	20	11.50	32.654	6.27	24.88	308	308	0.0733
30	7.78	32.740	6.32	30	7.78	32.740	6.32	25.55	244	244	0.1010
58	7.71	32.752	6.27	50	7.73	32.748	6.28	25.56	242	243	0.1497

JEONBUK 868 , STATION 310-05 , 35-20.1. N, 125-24.4. E, JUN. 9.1987, 20:35 KST,
 DEPTH 70 , COLOR 7, TRANS. , WAVE NW 1, SWELL NW 1, WIND NW 1 , BARO 1012. ,
 AIR TEMP. DRY 17.6, WET , CLOUD, TYPE , AMT 00, WEATHER B

0	17.30	32.562	6.37	0	17.30	32.562	6.37	23.59	430	430	0.0000
10	15.21	32.585	6.27	10	15.21	32.585	6.27	24.08	383	383	0.0407
20	12.00	32.794	6.42	20	12.00	32.794	6.42	24.89	306	306	0.0752
30	7.43	32.849	5.97	30	7.43	32.849	5.97	25.68	231	231	0.1021
50	7.41	32.798	6.17	50	7.41	32.798	6.17	25.65	234	235	0.1488
68	7.28	32.845	6.52								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
JEONBUK 868 , STATION 310-06 , 35-20.1. N, 125-12.1. E, JUN. 9.1987, 22:10 KST, DEPTH 72 , COLOR , TRANS. AIR TEMP. DRY 17.9, WET , CLOUD, TYPE , AMT 00, WEATHER B											
0	17.50	32.620	6.02	0	17.50	32.620	6.02	23.59	431	430	0.0000
10	16.49	32.589	6.17	10	16.49	32.589	6.17	23.80	410	410	0.0420
20	12.40	32.639	6.27	20	12.40	32.639	6.27	24.70	325	325	0.0788
30	7.32	32.818	5.97	30	7.32	32.818	5.97	25.68	232	232	0.1067
50	7.24	32.837	5.97	50	7.24	32.837	5.97	25.70	229	230	0.1530
70	7.13	32.860	6.17								
JEONBUK 868 , STATION 310-07 , 35-20.1. N, 125-00.0. E, JUN. 9.1987, 23:40 KST, DEPTH 81 , COLOR , TRANS. AIR TEMP. DRY 17.7, WET , CLOUD, TYPE , AMT 00, WEATHER B											
0	17.52	32.589	6.36	0	17.52	32.589	6.36	23.56	433	433	0.0000
10	16.61	32.511	6.37	10	16.61	32.511	6.37	23.71	419	419	0.0426
20	12.80	32.601	6.49	20	12.80	32.601	6.49	24.59	335	335	0.0803
30	7.21	32.779	6.34	30	7.21	32.779	6.34	25.66	233	233	0.1088
50	7.13	32.899	6.77	50	7.13	32.899	6.77	25.77	223	224	0.1546
79	7.08	32.953	6.18	75	7.08	32.945	6.26	25.81	219	220	0.2101
JEONBUK 868 , STATION 310-08 , 35-20.1. N, 124-47.9. E, JUN.10.1987, 01:15 KST, DEPTH 85 , COLOR , TRANS. AIR TEMP. DRY 17.5, WET , CLOUD, TYPE , AMT 00, WEATHER B											
0	17.32	32.690	6.27	0	17.32	32.690	6.27	23.68	421	421	0.0000
10	16.61	32.864	6.69	10	16.61	32.864	6.69	23.98	393	393	0.0407

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
20	15.17	32.488	6.77	20	15.17	32.488	6.77	24.02	390	390	0.0799
30	8.29	32.767	6.82	30	8.29	32.767	6.82	25.50	249	249	0.1119
50	7.34	32.981	6.79	50	7.34	32.981	6.79	25.80	220	220	0.1589
75	7.18	32.949	5.98	75	7.18	32.949	5.98	25.80	220	221	0.2142
83	7.33	32.965	6.47								

JEONBUK 868 , STATION 310-09 , 35-20.1. N. 124-35.6. E. JUN.10.1987, 02:45 KST,
 DEPTH 90 , COLOR , TRANS. , WAVE NW 1, SWELL NW 1, WIND NW 1 , BARO 1014. ,
 AIR TEMP. DRY 17.1, WET , CLOUD, TYPE , AMT 00, WEATHER B

 0 17.14 32.647 6.59 0 17.14 32.647 6.59 23.69 420 420 0.0000
 10 16.48 32.620 6.56 10 16.48 32.620 6.56 23.83 408 408 0.0414
 20 15.04 32.593 6.33 20 15.04 32.593 6.33 24.13 379 379 0.0808
 30 8.17 32.624 6.54 30 8.17 32.624 6.54 25.40 258 258 0.1127
 50 7.45 33.027 6.66 50 7.45 33.027 6.66 25.82 218 218 0.1604
 75 7.45 33.109 6.87 75 7.45 33.109 6.87 25.89 212 213 0.2144
 88 7.63 33.097 6.37

JEONBUK 868 , STATION 310-10 , 35-20.1. N. 124-23.5. E. JUN.10.1987, 04:20 KST,
 DEPTH 88 , COLOR , TRANS. , WAVE NW 1, SWELL NW 1, WIND NW 1 , BARO 1014.5,
 AIR TEMP. DRY 17.2, WET , CLOUD, TYPE , AMT 00, WEATHER B

 0 17.17 32.725 6.09 0 17.17 32.725 6.09 23.75 415 415 0.0000
 10 16.60 32.732 6.36 10 16.60 32.732 6.36 23.88 402 402 0.0409
 20 15.28 32.845 6.45 20 15.28 32.845 6.45 24.27 366 366 0.0793
 30 8.82 32.949 6.57 30 8.82 32.949 6.57 25.56 243 243 0.1098
 50 7.99 33.140 6.13 50 7.99 33.140 6.13 25.83 217 217 0.1560
 75 7.94 33.260 5.95 75 7.94 33.260 5.95 25.93 207 208 0.2093
 86 8.03 33.435 5.92

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

8月(August)

JEONBUK 868 , STATION 310-03 , 35-20.1. N, 125-49.3. E, AUG. 6. 1987, 17:20 KST,
 DEPTH 28 , COLOR 4, TRANS. 13.0, WAVE SW 1, SWELL SW 1, WIND SW 1 , BARO 1008. ,
 AIR TEMP. DRY 29.0, WET , CLOUD, TYPE CI, AMT 02, WEATHER B

0	24.35	31.947	5.54	0	24.35	31.947	5.54	21.25	654	654	0.0000
10	22.91	31.839	5.75	10	22.91	31.839	5.75	21.59	622	622	0.0638
20	18.69	32.264	5.54	20	18.69	32.264	5.54	23.03	484	484	0.1192
26	16.72	32.639	5.54								

JEONBUK 868 , STATION 310-04 , 35-20.1. N, 125-36.5. E, AUG. 6. 1987, 18:50 KST,
 DEPTH 58 , COLOR 3, TRANS. 15.0, WAVE SW 1, SWELL SW 1, WIND SW 1 , BARO 1008. ,
 AIR TEMP. DRY 26.1, WET , CLOUD, TYPE CI, AMT 03, WEATHER BC

0	23.90	31.665	5.45	0	23.90	31.665	5.45	21.17	662	662	0.0000
10	22.71	32.028	5.67	10	22.71	32.028	5.67	21.78	603	603	0.0632
20	17.75	32.407	5.38	20	17.75	32.407	5.38	23.37	452	452	0.1160
30	14.07	32.957	5.48	30	14.07	32.957	5.48	24.61	333	333	0.1554
56	13.77	33.019	5.25	50	13.83	33.004	5.30	24.70	325	326	0.2214

JEONBUK 868 , STATION 310-05 , 35-20.1. N, 125-24.4. E, AUG. 6. 1987, 20:20 KST,
 DEPTH 70 , COLOR , TRANS. , WAVE NW 1, SWELL NW 1, WIND NW 1 , BARO 1008. ,
 AIR TEMP. DRY 25.5, WET , CLOUD, TYPE AS, AMT 08, WEATHER C

0	25.03	31.615	5.23	0	25.03	31.615	5.23	20.80	698	697	0.0000
10	23.20	31.507	5.46	10	23.20	31.507	5.46	21.25	654	654	0.0676
20	16.88	32.473	5.49	20	16.88	32.473	5.49	23.62	427	428	0.1217
30	15.10	32.880	5.54	30	15.10	32.880	5.54	24.33	359	360	0.1611
50	13.19	32.973	5.66	50	13.19	32.973	5.66	24.80	315	316	0.2288
68	13.15	33.023	5.45								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

JEONBUK 868 , STATION 310-06 , 35-20.1. N, 125-12.1. E, AUG. 10. 1987, 19:50 KST,
 DEPTH 72 , COLOR , TRANS. , WAVE SW 1, SWELL SW 1, WIND SW 1 , BARO 1016. ,
 AIR TEMP. DRY 24.4, WET , CLOUD. TYPE CI, AMT 05, WEATHER BC

0	24.17	31.854	5.34	0	24.17	31.854	5.34	21.23	656	656	0.0000
10	23.00	31.733	5.43	10	23.00	31.733	5.43	21.48	632	632	0.0644
20	18.45	32.291	5.68	20	18.45	32.291	5.68	23.11	476	477	0.1199
30	13.67	32.981	5.72	30	13.67	32.981	5.72	24.71	323	324	0.1600
50	11.80	32.942	5.92	50	11.80	32.942	5.92	25.05	292	292	0.2217
70	10.95	32.938	5.68								

1439 JEONBUK 868 , STATION 310-07 , 35-20.1. N, 125-00.0. E, AUG. 10. 1987, 21:30 KST,
 DEPTH 81 , COLOR , TRANS. , WAVE SW 1, SWELL SW 1, WIND SW 6 , BARO 1015.5,
 AIR TEMP. DRY 24.6, WET , CLOUD. TYPE CI, AMT 07, WEATHER BC

0	24.36	31.771	5.39	0	24.36	31.771	5.39	21.11	667	667	0.0000
10	24.01	31.846	5.57	10	24.01	31.846	5.57	21.27	652	652	0.0659
20	23.25	31.831	5.88	20	23.25	31.831	5.88	21.48	632	632	0.1302
30	16.85	31.869	5.83	30	16.85	31.869	5.83	23.17	471	471	0.1854
50	8.90	32.620	5.85	50	8.90	32.620	5.85	25.29	269	269	0.2596
79	8.69	32.891	5.44	75	8.71	32.853	5.49	25.50	248	249	0.3245

JEONBUK 868 , STATION 310-08 , 35-20.1. N, 124-47.9. E, AUG. 10. 1987, 23:10 KST,
 DEPTH 87 , COLOR , TRANS. , WAVE SW 1, SWELL SW 1, WIND SW 1 , BARO 1015. ,
 AIR TEMP. DRY 24.5, WET , CLOUD. TYPE CI, AMT 08, WEATHER C

0	24.49	31.630	5.30	0	24.49	31.630	5.30	20.97	681	681	0.0000
10	24.30	31.634	5.44	10	24.30	31.634	5.44	21.03	675	675	0.0678

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	O2	DEPTH	TEMP	SAL	O2	SIGMA-T	D-T	SVA	D-DY
20	20.90	31.997	5.93	20	20.90	31.997	5.93	22.26	558	558	0.1295
30	16.51	32.670	5.85	30	16.51	32.670	5.85	23.86	405	405	0.1778
50	11.18	32.841	5.63	50	11.18	32.841	5.63	25.08	288	289	0.2473
75	8.29	32.829	5.39	75	8.29	32.829	5.39	25.54	244	245	0.3142
85	7.91	32.732	5.54								

JEONBUK 868 , STATION 310-09 , 35-20.1. N, 124-35.6. E, AUG. 11, 1987, 00:45 KST,
 DEPTH 92 , COLOR , TRANS. , WAVE SW 1, SWELL SW 1, WIND SW 1 , BARO 1015.5,
 AIR TEMP. DRY 24.5, WET , CLOUD. TYPE CI, AMT 06, WEATHER BC

0	24.38	31.765	5.43	0	24.38	31.765	5.43	21.10	668	668	0.0000
10	24.32	31.808	5.59	10	24.32	31.808	5.59	21.15	663	663	0.0666
20	19.05	32.299	5.73	20	19.05	32.299	5.73	22.96	490	490	0.1243
30	16.21	32.427	5.93	30	16.21	32.427	5.93	23.74	416	417	0.1697
50	9.05	32.713	5.64	50	9.05	32.713	5.64	25.34	264	264	0.2379
75	7.70	32.725	5.73	75	7.70	32.725	5.73	25.55	244	245	0.3016
90	7.70	32.736	5.54								

JEONBUK 868 , STATION 310-10 , 35-20.1. N, 124-23.5. E, AUG. 11, 1987, 02:25 KST,
 DEPTH 90 , COLOR , TRANS. , WAVE SW 2, SWELL SW 1, WIND SW 2 , BARO 1016. ,
 AIR TEMP. DRY 24.3, WET , CLOUD. TYPE CI, AMT 06, WEATHER BC

0	24.60	31.634	5.54	0	24.60	31.634	5.54	20.94	684	684	0.0000
10	24.00	31.611	5.83	10	24.00	31.611	5.83	21.10	669	669	0.0676
20	21.64	32.101	6.22	20	21.64	32.101	6.22	22.14	569	570	0.1296
30	16.87	32.326	5.83	30	16.87	32.326	5.83	23.51	438	438	0.1800
50	13.70	32.713	5.46	50	13.70	32.713	5.46	24.50	344	345	0.2584
75	8.13	32.833	5.17	75	8.13	32.833	5.17	25.57	242	242	0.3319
88	7.89	32.837	5.05								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

10月(October)

JEONBUK 868 , STATION 310-03 , 35-20.1. N, 125-49.3. E, OCT. 10. 1987, 23:15 KST,
 DEPTH 27 , COLOR , TRANS. , WAVE NW 1, SWELL NW 1, WIND NW 1 , BARO 1019. ,
 AIR TEMP. DRY 20.2, WET , CLOUD, TYPE CI, AMT 02, WEATHER B

0	23.19	31.684	6.48	0	23.19	31.684	6.48	21.39	641	641	0.0000
10	22.20	31.680	6.22	10	22.20	31.680	6.22	21.66	615	615	0.0628
20	19.16	31.835	5.78	20	19.16	31.835	5.78	22.58	526	527	0.1199
25	18.23	31.939	5.30								

JEONBUK 868 , STATION 310-04 , 35-20.1. N, 125-36.5. E, OCT. 11. 1987, 00:45 KST,
 DEPTH 58 , COLOR , TRANS. , WAVE NW 1, SWELL NW 1, WIND NW 1 , BARO 1019. ,
 AIR TEMP. DRY 20.0, WET , CLOUD, TYPE CI, AMT 02, WEATHER B

0	19.80	32.074	6.11	0	19.80	32.074	6.11	22.60	525	524	0.0000
10	17.19	32.213	6.00	10	17.19	32.213	6.00	23.35	453	453	0.0489
20	17.09	32.341	5.86	20	17.09	32.341	5.86	23.47	442	442	0.0937
30	16.56	32.411	5.38	30	16.56	32.411	5.38	23.65	425	425	0.1371
56	16.30	32.446	5.38	50	16.36	32.437	5.38	23.71	418	420	0.2217

JEONBUK 868 , STATION 310-05 , 35-20.1. N, 125-24.4. E, OCT. 11. 1987, 02:15 KST,
 DEPTH 71 , COLOR , TRANS. , WAVE NW 1, SWELL NW 1, WIND NW 1 , BARO 1018. ,
 AIR TEMP. DRY 19.5, WET , CLOUD, TYPE CI, AMT 02, WEATHER B

0	19.59	32.024	6.39	0	19.59	32.024	6.39	22.62	523	523	0.0000
10	19.41	32.020	6.41	10	19.41	32.020	6.41	22.66	519	519	0.0521
20	18.63	32.101	6.18	20	18.63	32.101	6.18	22.92	494	495	0.1028
30	16.57	32.449	5.82	30	16.57	32.449	5.82	23.68	422	423	0.1488
50	14.79	32.651	5.68	50	14.79	32.651	5.68	24.22	370	371	0.2282
69	14.52	32.705	5.58								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
JEONBUK 868 , STATION 310-06 , 35-20.1. N, 125-12.1. E, OCT. 11. 1987, 02:50 KST, DEPTH 72 , COLOR , TRANS. , WAVE NW 1, SWELL NW 1, WIND NW 1 , BARO 1018. , AIR TEMP. DRY 19.1, WET , CLOUD. TYPE CI, AMT 02, WEATHER B											
0	20.21	31.784	6.33	0	20.21	31.784	6.33	22.28	556	556	0.0000
10	19.60	31.881	6.38	10	19.60	31.881	6.38	22.51	534	534	0.0545
20	19.58	32.194	6.16	20	19.58	32.194	6.16	22.75	511	511	0.1067
30	16.94	32.697	6.00	30	16.94	32.697	6.00	23.78	412	413	0.1530
50	14.20	32.740	5.88	50	14.20	32.740	5.88	24.42	352	352	0.2296
70	13.96	32.767	5.86								
JEONBUK 868 , STATION 310-07 , 35-20.1. N, 125-00.0. E, OCT. 11. 1987, 04:20 KST, DEPTH 82 , COLOR , TRANS. , WAVE NW 1, SWELL NW 1, WIND NW 1 , BARO 1018. , AIR TEMP. DRY 19.8, WET , CLOUD. TYPE CI, AMT 02, WEATHER B											
0	20.16	31.966	6.38	0	20.16	31.966	6.38	22.43	541	541	0.0000
10	20.02	31.921	6.38	10	20.02	31.921	6.38	22.43	541	541	0.0541
20	19.51	32.009	6.13	20	19.51	32.009	6.13	22.63	522	523	0.1074
30	17.62	32.252	6.23	30	17.62	32.252	6.23	23.28	460	461	0.1566
50	15.20	32.523	6.05	50	15.20	32.523	6.05	24.04	388	389	0.2416
75	13.10	32.740	5.98	75	13.10	32.740	5.98	24.64	330	332	0.3318
80	12.90	32.895	5.76								
JEONBUK 868 , STATION 310-08 , 35-20.1. N, 124-47.9. E, OCT. 11. 1987, 05:55 KST, DEPTH 87 , COLOR , TRANS. , WAVE NW 1, SWELL NW 1, WIND NW 1 , BARO 1017.5 , AIR TEMP. DRY 20.0, WET , CLOUD. TYPE CI, AMT 04, WEATHER BC											
0	20.21	32.063	6.37	0	20.21	32.063	6.37	22.49	536	535	0.0000
10	20.38	32.144	6.31	10	20.38	32.144	6.31	22.51	534	534	0.0535

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
20	19.34	32.229	6.29	20	19.34	32.229	6.29	22.84	502	502	0.1053
30	18.50	32.337	6.40	30	18.50	32.337	6.40	23.13	474	475	0.1542
50	16.20	32.881	6.39	50	16.20	32.881	6.39	24.09	383	384	0.2402
75	9.73	32.876	6.22	75	9.73	32.876	6.22	25.36	262	263	0.3212
80	9.70	32.907	5.98								
JEONBUK 868 , STATION 310-09 , 35-20.1. N, 124-35.6. E, OCT. 11. 1987, 07:30 KST, DEPTH 92 , COLOR 3, TRANS. 14.0, WAVE NW 1, SWELL NW 1, WIND NW 1 , BARO 1017. , AIR TEMP, DRY 20.2, WET , CLOUD, TYPE CI, AMT 03, WEATHER BC											
0	20.55	32.086	6.16	0	20.55	32.086	6.16	22.42	542	542	0.0000
10	20.60	31.985	6.40	10	20.60	31.985	6.40	22.33	551	551	0.0547
20	20.49	32.001	6.43	20	20.49	32.001	6.43	22.37	547	547	0.1096
30	19.68	31.978	6.52	30	19.68	31.978	6.52	22.56	529	529	0.1635
50	16.37	32.279	6.26	50	16.37	32.279	6.26	23.59	430	431	0.2597
75	9.40	33.047	5.94	75	9.40	33.047	5.94	25.54	244	245	0.3444
90	9.22	33.151	5.70								
JEONBUK 868 , STATION 310-10 , 35-20.1. N, 124-23.5. E, OCT. 11. 1987, 09:10 KST, DEPTH 90 , COLOR 3, TRANS. 17.0, WAVE NW 1, SWELL NW 1, WIND NW 1 , BARO 1017. , AIR TEMP, DRY 21.5, WET , CLOUD, TYPE CI, AMT 04, WEATHER BC											
0	20.50	31.846	6.03	0	20.50	31.846	6.03	22.25	559	558	0.0000
10	20.89	31.873	6.42	10	20.89	31.873	6.42	22.17	567	567	0.0562
20	20.26	32.043	6.18	20	20.26	32.043	6.18	22.46	538	539	0.1115
30	18.96	32.326	6.50	30	18.96	32.326	6.50	23.01	486	487	0.1629
50	16.52	32.674	6.39	50	16.52	32.674	6.39	23.86	405	406	0.2522
75	10.69	33.409	5.99	75	10.69	33.409	5.99	25.61	238	239	0.3330
88	8.97	33.338	5.85								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

12月(December)

JEONBUK 868 , STATION 310-03 , 35-20.1. N, 125-49.3. E, DEC. 8. 1987, 08:20 KST,
 DEPTH 27 , COLOR 4, TRANS. 2.5, WAVE SW 1, SWELL SW 1, WIND SW 2 , BARO 1032. ,
 AIR TEMP. DRY 9.7, WET , CLOUD. TYPE AS, AMT 08, WEATHER C

0	11.46	32.376	6.10	0	11.46	32.376	6.10	24.67	327	327	0.0000
10	11.55	32.283	5.98	10	11.55	32.283	5.98	24.58	336	336	0.0332
20	11.54	32.302	5.86	20	11.54	32.302	5.86	24.60	334	334	0.0667
25	11.55	32.279	5.89								

JEONBUK 868 , STATION 310-04 , 35-20.1. N, 125-36.5. E, DEC. 8. 1987, 09:50 KST,
 DEPTH 58 , COLOR 4, TRANS. 4.0, WAVE SW 1, SWELL SW 1, WIND SW 3 , BARO 1033. ,
 AIR TEMP. DRY 10.8, WET , CLOUD. TYPE AS, AMT 08, WEATHER C

0	12.02	32.480	6.06	0	12.02	32.480	6.06	24.65	330	329	0.0000
10	12.09	32.473	6.08	10	12.09	32.473	6.08	24.63	331	331	0.0330
20	12.36	32.519	5.98	20	12.36	32.519	5.98	24.61	333	333	0.0663
30	12.20	32.562	5.82	30	12.20	32.562	5.82	24.68	327	327	0.0994
56	12.20	32.519	5.75	50	12.20	32.528	5.76	24.65	329	330	0.1652

JEONBUK 868 , STATION 310-05 , 35-20.1. N, 125-24.4. E, DEC. 8. 1987, 11:20 KST,
 DEPTH 71 , COLOR 4, TRANS. 4.0, WAVE SW 1, SWELL SW 1, WIND SW 3 , BARO 1033. ,
 AIR TEMP. DRY 10.8, WET , CLOUD. TYPE AS, AMT 08, WEATHER C

0	11.94	32.573	5.98	0	11.94	32.573	5.98	24.73	321	321	0.0000
10	11.96	32.690	5.98	10	11.96	32.690	5.98	24.82	313	313	0.0317
20	11.99	32.725	5.90	20	11.99	32.725	5.90	24.84	311	311	0.0630
30	11.93	32.725	5.78	30	11.93	32.725	5.78	24.85	310	310	0.0941
50	11.95	32.689	5.60	50	11.95	32.689	5.60	24.82	313	314	0.1566
69	11.97	32.748	5.50								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

JEONBUK 868 , STATION 310-06 , 35-20.1. N, 125-12.1. E, DEC. 8, 1987, 12:55 KST,
 DEPTH 72 , COLOR 4, TRANS. 8.0, WAVE SW 2, SWELL SW 1, WIND SW 3 , BARO 1033. ,
 AIR TEMP. DRY 11.4, WET , CLOUD. TYPE AS, AMT 05, WEATHER BC

0	11.88	32.535	6.10	0	11.88	32.535	6.10	24.72	323	323	0.0000
10	11.87	32.562	6.03	10	11.87	32.562	6.03	24.74	321	321	0.0322
20	12.00	32.593	5.80	20	12.00	32.593	5.80	24.74	321	321	0.0643
30	11.99	32.663	5.67	30	11.99	32.663	5.67	24.79	316	316	0.0962
50	12.00	32.756	5.53	50	12.00	32.756	5.53	24.86	309	310	0.1589
70	11.99	32.829	5.68								

JEONBUK 868 , STATION 310-07 , 35-20.1. N, 125-00.0. E, DEC. 8, 1987, 14:25 KST,
 DEPTH 82 , COLOR 3, TRANS. 12.0, WAVE W 2, SWELL W 1, WIND W 3 , BARO 1032. ,
 AIR TEMP. DRY 11.4, WET , CLOUD. TYPE AS, AMT 03, WEATHER BC

0	11.95	32.438	6.10	0	11.95	32.438	6.10	24.63	331	331	0.0000
10	11.90	32.434	6.00	10	11.90	32.434	6.00	24.63	331	331	0.0331
20	11.87	32.463	5.86	20	11.87	32.463	5.86	24.66	328	328	0.0661
30	12.09	32.542	6.03	30	12.09	32.542	6.03	24.68	326	327	0.0989
50	11.84	32.573	5.80	50	11.84	32.573	5.80	24.75	320	320	0.1637
75	11.94	32.810	5.78	75	11.94	32.810	5.78	24.92	304	305	0.2420
80	11.40	32.961	5.13								

JEONBUK 868 , STATION 310-08 , 35-20.1. N, 124-47.9. E, DEC. 8, 1987, 16:00 KST,
 DEPTH 87 , COLOR 3, TRANS. 15.0, WAVE W 1, SWELL W 1, WIND W 2 , BARO 1031.5,
 AIR TEMP. DRY 10.5, WET , CLOUD. TYPE AS, AMT 04, WEATHER BC

0	12.10	32.395	6.10	0	12.10	32.395	6.10	24.57	337	337	0.0000
10	12.10	32.442	6.03	10	12.10	32.442	6.03	24.60	334	334	0.0335

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	O2	DEPTH	TEMP	SAL	O2	SIGMA-T	D-T	SVA	D-DY

20	11.90	32.453	6.08	20	11.90	32.453	6.08	24.65	329	330	0.0668
30	11.68	32.457	5.96	30	11.68	32.457	5.96	24.69	325	326	0.0996
50	11.55	32.581	6.02	50	11.55	32.581	6.02	24.81	314	315	0.1637
75	10.85	33.105	5.78	75	10.85	33.105	5.78	25.34	263	265	0.2362
85	10.64	33.299	5.28								

JEONBUK 868 , STATION 310-09 , 35-20.1. N, 124-35.6. E, DEC. 8, 1987, 17:35 KST.
 DEPTH 92 , COLOR , TRANS. , WAVE W 1, SWELL W 1, WIND W 2 , BARO 1031. ,
 AIR TEMP. DRY 9.5, WET , CLOUD, TYPE AS, AMT 04, WEATHER BC

0	12.50	32.395	6.06	0	12.50	32.395	6.06	24.49	345	344	0.0000
10	12.33	32.345	6.08	10	12.33	32.345	6.08	24.48	345	345	0.0345
20	12.33	32.370	6.20	20	12.33	32.370	6.20	24.50	343	343	0.0689
30	12.36	32.407	6.16	30	12.36	32.407	6.16	24.53	341	341	0.1032
50	12.33	32.535	6.03	50	12.33	32.535	6.03	24.63	331	332	0.1707
75	12.03	32.771	5.80	75	12.03	32.771	5.80	24.87	308	310	0.2510
90	10.37	33.233	5.36								

JEONBUK 868 , STATION 310-10 , 35-20.1. N, 124-23.5. E, DEC. 8, 1987, 19:10 KST.
 DEPTH 90 , COLOR , TRANS. , WAVE W 1, SWELL W 1, WIND W 2 , BARO 1031. ,
 AIR TEMP. DRY 9.8, WET , CLOUD, TYPE AS, AMT 05, WEATHER BC

0	12.51	32.295	6.16	0	12.51	32.295	6.16	24.41	352	352	0.0000
10	12.52	32.244	6.06	10	12.52	32.244	6.06	24.37	356	356	0.0354
20	12.32	32.457	6.08	20	12.32	32.457	6.08	24.57	337	337	0.0701
30	12.31	32.475	6.18	30	12.31	32.475	6.18	24.59	335	336	0.1037
50	12.21	32.511	5.72	50	12.21	32.511	5.72	24.64	331	332	0.1705
75	12.28	33.070	5.40	75	12.28	33.070	5.40	25.05	291	292	0.2486
88	10.17	33.322	5.28								

311 線 海洋觀測 成績 Oceanographic Data. Line 311

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

2月(February)

JEONBUK 868 , STATION 311-04 , 34-43.0. N, 125-43.9. E, FEB. 8. 1987, 19:35 KST,
 DEPTH 35 , COLOR , TRANS. , WAVE S 2, SWELL S 1, WIND S 2 , BARO 1023. ,
 AIR TEMP. DRY 7.2, WET , CLOUD, TYPE , AMT 00, WEATHER B

0	6.80	32.148	7.27	0	6.80	32.148	7.27	25.22	275	275	0.0000
10	6.62	32.152	7.12	10	6.62	32.152	7.12	25.25	273	272	0.0274
20	6.26	32.175	6.99	20	6.26	32.175	6.99	25.31	267	266	0.0544
33	6.21	32.175	6.74	30	6.22	32.175	6.79	25.31	266	266	0.0810

JEONBUK 868 , STATION 311-05 , 34-43.0. N, 125-31.9. E, FEB. 8. 1987, 17:55 KST,
 DEPTH 75 , COLOR , TRANS. 3.0, WAVE S 2, SWELL S 1, WIND S 3 , BARO 1023.5,
 AIR TEMP. DRY 7.2, WET , CLOUD, TYPE , AMT 00, WEATHER B

0	6.48	32.186	7.27	0	6.48	32.186	7.27	25.29	268	268	0.0000
10	6.31	32.167	7.22	10	6.31	32.167	7.22	25.30	268	268	0.0268
20	6.30	32.175	7.07	20	6.30	32.175	7.07	25.30	267	267	0.0536
30	6.30	32.182	6.97	30	6.30	32.182	6.97	25.31	267	267	0.0803
50	6.33	32.179	6.82	50	6.33	32.179	6.82	25.30	267	267	0.1338
73	6.50	32.210	6.55								

JEONBUK 868 , STATION 311-06 , 34-43.0. N, 125-19.4. E, FEB. 8. 1987, 16:20 KST,
 DEPTH 92 , COLOR , TRANS. 4.0, WAVE S 2, SWELL S 1, WIND S 3 , BARO 1023.5,
 AIR TEMP. DRY 7.0, WET , CLOUD, TYPE , AMT 00, WEATHER B

0	7.84	32.461	7.12	0	7.84	32.461	7.12	25.32	265	265	0.0000
10	7.80	32.442	7.07	10	7.80	32.442	7.07	25.31	266	266	0.0266

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
20	7.66	32.473	7.07	20	7.66	32.473	7.07	25.36	262	262	0.0530
30	7.67	32.457	7.17	30	7.67	32.457	7.17	25.34	263	263	0.0793
50	7.73	32.438	6.92	50	7.73	32.438	6.92	25.32	266	266	0.1324
75	7.80	32.457	6.87	75	7.80	32.457	6.87	25.32	265	266	0.1990
90	7.78	32.508	6.77								

JEONBUK 868 , STATION 311-07 , 34-43.0. N, 125-00.0. E, FEB. 8.1987, 14:05 KST,
 DEPTH 91 , COLOR , TRANS. 4.0, WAVE S 1, SWELL S 1, WIND S 3 , BARO 1025. ,
 AIR TEMP. DRY 8.0, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	8.50	32.713	7.07	0	8.50	32.713	7.07	25.42	256	255	0.0000
10	8.27	32.542	6.97	10	8.27	32.542	6.97	25.32	265	265	0.0260
20	8.10	32.519	6.92	20	8.10	32.519	6.92	25.33	265	265	0.0526
30	8.10	32.504	6.97	30	8.10	32.504	6.97	25.32	266	266	0.0791
50	8.51	32.612	6.97	50	8.51	32.612	6.97	25.34	263	264	0.1322
75	9.08	32.790	6.87	75	9.08	32.790	6.87	25.39	259	260	0.1978
89	9.30	32.849	6.92								

JEONBUK 868 , STATION 311-08 , 34-43.0. N, 124-47.9. E, FEB. 8.1987, 12:30 KST,
 DEPTH 91 , COLOR , TRANS. 7.0, WAVE SW 1, SWELL SW 1, WIND SW 3 , BARO 1026. ,
 AIR TEMP. DRY 8.9, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	9.14	32.715	6.92	0	9.14	32.715	6.92	25.33	265	265	0.0000
10	8.80	32.674	6.97	10	8.80	32.674	6.97	25.35	263	263	0.0264
20	8.73	32.659	7.02	20	8.73	32.659	7.02	25.35	263	263	0.0527
30	8.78	32.647	7.12	30	8.78	32.647	7.12	25.33	265	265	0.0792
50	8.79	32.647	6.97	50	8.79	32.647	6.97	25.33	265	265	0.1323
75	9.47	32.806	6.97	75	9.47	32.806	6.97	25.34	263	264	0.1987
89	9.68	32.957	6.72								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

JEONBUK 868 , STATION 311-09 , 34-43.0. N, 124-35.8. E, FEB. 8, 1987, 10:50 KST,
 DEPTH 88 , COLOR , TRANS. 5.0, WAVE SW 1, SWELL SW 1, WIND SW 2 , BARO 1026. ,
 AIR TEMP. DRY 8.6, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	9.72	33.019	6.93	0	9.72	33.019	6.93	25.47	251	251	0.0000
10	9.60	33.085	6.92	10	9.60	33.085	6.92	25.54	245	244	0.0248
20	9.59	33.050	6.87	20	9.59	33.050	6.87	25.51	247	247	0.0494
30	9.59	33.031	6.87	30	9.59	33.031	6.87	25.50	248	249	0.0742
50	9.62	33.027	6.97	50	9.62	33.027	6.97	25.49	249	250	0.1242
75	9.37	33.070	6.77	75	9.37	33.070	6.77	25.57	242	243	0.1860
86	10.40	33.272	6.77								

JEONBUK 868 , STATION 311-10 , 34-43.0. N, 124-23.4. E, FEB. 8, 1987, 09:15 KST,
 DEPTH 85 , COLOR , TRANS. 6.0, WAVE SW 1, SWELL SW 1, WIND SW 1 , BARO 1026. ,
 AIR TEMP. DRY 9.4, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	9.43	32.856	6.77	0	9.43	32.856	6.77	25.39	259	259	0.0000
10	9.46	32.934	6.67	10	9.46	32.934	6.67	25.45	254	254	0.0256
20	9.46	32.922	6.85	20	9.46	32.922	6.85	25.44	255	255	0.0511
30	9.46	32.871	6.72	30	9.46	32.871	6.72	25.40	258	259	0.0768
50	9.50	32.907	6.87	50	9.50	32.907	6.87	25.42	256	257	0.1284
83	9.82	33.023	6.72	75	9.74	32.994	6.75	25.45	253	255	0.1925

4 月(April)

JEONBUK 868 , STATION 311-04 , 34-43.0. N, 125-43.9. E, APR. 14, 1987, 13:25 KST,
 DEPTH 34 , COLOR , TRANS. 1.0, WAVE NE 2, SWELL NE 1, WIND NE 2 , BARO 1030. ,
 AIR TEMP. DRY 8.8, WET , CLOUD. TYPE CI, AMT 07, WEATHER BC

0	6.86	31.754	6.76	0	6.86	31.754	6.76	24.90	305	305	0.0000
10	6.14	32.016	6.86	10	6.14	32.016	6.86	25.20	277	277	0.0291
20	5.90	32.213	6.96	20	5.90	32.213	6.96	25.38	260	259	0.0560
32	5.81	32.364	6.84	30	5.82	32.338	6.86	25.49	249	249	0.0814

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
JEONBUK 868 , STATION 311-05 , 34-43.0. N, 125-31.9. E, APR. 14. 1987, 11:50 KST, DEPTH 72 , COLOR , TRANS. 1.7, WAVE NE 1, SWELL NE 1, WIND NE 1 , BARO 1030. , AIR TEMP. DRY 10.8, WET , CLOUD. TYPE CI, AMT 06, WEATHER BC											
0	6.70	32.329	6.86	0	6.70	32.329	6.86	25.37	260	260	0.0000
10	6.64	32.341	6.86	10	6.64	32.341	6.86	25.39	259	259	0.0259
20	6.65	32.380	6.81	20	6.65	32.380	6.81	25.42	256	256	0.0517
30	6.64	32.415	6.70	30	6.64	32.415	6.70	25.45	253	253	0.0772
50	6.71	32.418	6.56	50	6.71	32.418	6.56	25.44	254	254	0.1281
70	6.73	32.418	6.34								
JEONBUK 868 , STATION 311-06 , 34-43.0. N, 125-19.4. E, APR. 8. 1987, 19:45 KST, DEPTH 90 , COLOR , TRANS. 8.0, WAVE SE 1, SWELL SE 1, WIND SE 1 , BARO 1018. , AIR TEMP. DRY 8.0, WET , CLOUD. TYPE , AMT , WEATHER F											
0	7.60	32.469	6.87	0	7.60	32.469	6.87	25.36	261	261	0.0000
10	7.06	32.473	6.81	10	7.06	32.473	6.81	25.44	254	254	0.0258
20	7.02	32.500	6.76	20	7.02	32.500	6.76	25.47	252	252	0.0511
30	7.10	32.539	6.72	30	7.10	32.539	6.72	25.49	250	250	0.0762
50	7.17	32.546	6.67	50	7.17	32.546	6.67	25.48	250	250	0.1263
75	7.19	32.682	6.31	75	7.19	32.682	6.31	25.59	240	241	0.1879
88	7.21	32.775	6.16								
JEONBUK 868 , STATION 311-07 , 34-43.0. N, 125-00.0. E, APR. 8. 1987, 17:30 KST, DEPTH 90 , COLOR , TRANS. 7.0, WAVE SE 1, SWELL SE 1, WIND SE 1 , BARO 1018. , AIR TEMP. DRY 9.2, WET , CLOUD. TYPE , AMT , WEATHER F											
0	8.60	32.717	6.74	0	8.60	32.717	6.74	25.41	257	257	0.0000
10	7.91	32.728	6.73	10	7.91	32.728	6.73	25.52	246	246	0.0251

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
20	7.37	32.705	6.76	20	7.37	32.705	6.76	25.58	241	241	0.0495
30	7.40	32.787	6.65	30	7.40	32.787	6.65	25.64	235	235	0.0734
50	7.54	32.829	6.50	50	7.54	32.829	6.50	25.65	234	234	0.1205
75	7.81	32.938	6.48	75	7.81	32.938	6.48	25.70	229	230	0.1786
88	7.95	32.949	6.48								
JEONBUK 868 , STATION 311-08 , 34-43.0. N, 124-47.9. E, APR. 8. 1987, 16:00 KST, DEPTH 93 , COLOR , TRANS. 7.0, WAVE SE 1, SWELL SE 1, WIND SE 1 , BARO 1018. , AIR TEMP. DRY 9.2, WET , CLOUD, TYPE , AMT , WEATHER F											
0	8.80	32.697	6.86	0	8.80	32.697	6.86	25.36	261	261	0.0000
10	7.80	32.686	6.54	10	7.80	32.686	6.54	25.50	248	248	0.0254
20	7.52	32.697	6.56	20	7.52	32.697	6.56	25.55	243	243	0.0501
30	7.40	32.728	6.36	30	7.40	32.728	6.36	25.59	240	240	0.0743
50	7.53	32.810	6.38	50	7.53	32.810	6.38	25.64	235	236	0.1219
75	7.80	32.942	6.31	75	7.80	32.942	6.31	25.71	229	230	0.1802
91	8.01	32.977	6.34								
JEONBUK 868 , STATION 311-09 , 34-43.0. N, 124-35.8. E, APR. 8. 1987, 15:25 KST, DEPTH 89 , COLOR , TRANS. 8.0, WAVE NE 1, SWELL NE 1, WIND NE 1 , BARO 1019. , AIR TEMP. DRY 13.0, WET , CLOUD, TYPE AS, AMT 08, WEATHER C											
0	8.90	32.787	6.61	0	8.90	32.787	6.61	25.42	256	256	0.0000
10	8.06	32.775	6.66	10	8.06	32.775	6.66	25.54	245	245	0.0250
20	7.90	32.779	6.68	20	7.90	32.779	6.68	25.56	242	242	0.0494
30	7.71	32.790	6.48	30	7.71	32.790	6.48	25.60	239	239	0.0736
50	7.72	32.887	6.46	50	7.72	32.887	6.46	25.67	232	232	0.1208
75	8.39	33.112	6.24	75	8.39	33.112	6.24	25.75	225	225	0.1782
87	8.81	33.295	6.21								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

JEONBUK 868 , STATION 311-10 , 34-43.0. N, 124-23.4. E, APR. 8, 1987, 12:55 KST,
 DEPTH 84 , COLOR , TRANS. 9.0, WAVE NE 1, SWELL NE 1, WIND NE 1 , BARO 1020. ,
 AIR TEMP. DRY 12.7, WET , CLOUD. TYPE AS, AMT 10, WEATHER C
 0 8.98 32.756 6.66 0 8.98 32.756 6.66 25.38 260 259 0.0000
 10 8.08 32.759 6.58 10 8.08 32.759 6.58 25.52 246 246 0.0253
 20 7.90 32.841 6.78 20 7.90 32.841 6.78 25.61 238 238 0.0495
 30 7.91 32.833 6.56 30 7.91 32.833 6.56 25.60 239 239 0.0734
 50 7.95 32.961 6.55 50 7.95 32.961 6.55 25.70 230 230 0.1204
 82 9.44 33.524 6.17 75 9.11 33.400 6.25 25.87 214 215 0.1761

6月(June)

JEONBUK 868 , STATION 311-04 , 34-43.0. N, 125-43.9. E, JUN. 10, 1987, 18:55 KST,
 DEPTH 34 , COLOR 6, TRANS. 6.0, WAVE NW 1, SWELL NW 1, WIND NW 1 , BARO 1015. ,
 AIR TEMP. DRY 18.8, WET , CLOUD. TYPE CI, AMT 05, WEATHER BC
 0 17.21 32.546 5.92 0 17.21 32.546 5.92 23.60 429 429 0.0000
 10 12.58 32.624 5.87 10 12.58 32.624 5.87 24.65 329 329 0.0379
 20 12.30 33.043 6.29 20 12.30 33.043 6.29 25.03 293 293 0.0691
 32 11.89 33.353 6.08 30 11.95 33.301 6.11 25.29 268 268 0.0972

JEONBUK 868 , STATION 311-05 , 34-43.0. N, 125-31.9. E, JUN. 10, 1987, 17:20 KST,
 DEPTH 74 , COLOR 5, TRANS. 8.0, WAVE NW 1, SWELL NW 1, WIND NW 1 , BARO 1016. ,
 AIR TEMP. DRY 19.5, WET , CLOUD. TYPE CI, AMT 04, WEATHER BC
 0 15.80 32.546 5.97 0 15.80 32.546 5.97 23.92 399 398 0.0000
 10 15.51 32.601 5.95 10 15.51 32.601 5.95 24.03 388 388 0.0393
 20 13.65 32.651 6.01 20 13.65 32.651 6.01 24.46 347 347 0.0762
 30 12.73 32.690 6.35 30 12.73 32.690 6.35 24.67 327 327 0.1100
 50 12.20 32.783 6.42 50 12.20 32.783 6.42 24.85 311 311 0.1739
 72 11.91 33.074 6.06

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

JEONBUK 868 , STATION 311-06 , 34-43.0. N, 125-19.4. E, JUN.10.1987, 15:50 KST,
 DEPTH 88 , COLOR 4, TRANS. 12.0, WAVE NW 1, SWELL NW 1, WIND NW 1 , BARO 1016. ,
 AIR TEMP. DRY 21.2, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	17.59	32.759	6.62	0	17.59	32.759	6.62	23.67	422	422	0.0000
10	14.54	32.748	6.45	10	14.54	32.748	6.45	24.35	358	358	0.0390
20	13.17	32.922	6.60	20	13.17	32.922	6.60	24.77	318	318	0.0728
30	12.96	33.097	6.67	30	12.96	33.097	6.67	24.94	301	302	0.1039
50	12.05	33.210	6.46	50	12.05	33.210	6.46	25.21	276	277	0.1619
75	10.91	33.334	6.17	75	10.91	33.334	6.17	25.51	247	249	0.2277
86	10.87	33.396	6.23								

JEONBUK 868 , STATION 311-07 , 34-43.0. N, 125-00.0. E, JUN.10.1987, 13:35 KST,
 DEPTH 91 , COLOR 3, TRANS. 17.0, WAVE NW 1, SWELL NW 1, WIND NW 1 , BARO 1018. ,
 AIR TEMP. DRY 20.2, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	18.15	32.911	6.13	0	18.15	32.911	6.13	23.65	424	424	0.0000
10	16.82	33.023	6.59	10	16.82	33.023	6.59	24.06	386	386	0.0405
20	15.31	33.050	6.24	20	15.31	33.050	6.24	24.42	351	352	0.0774
30	11.16	33.070	5.97	30	11.16	33.070	5.97	25.26	271	271	0.1086
50	10.21	33.178	6.26	50	10.21	33.178	6.26	25.51	247	248	0.1607
75	10.40	33.346	6.25	75	10.40	33.346	6.25	25.61	238	239	0.2217
89	10.51	33.377	6.27								

JEONBUK 868 , STATION 311-08 , 34-43.0. N, 124-47.9. E, JUN.10.1987, 12:05 KST,
 DEPTH 91 , COLOR 4, TRANS. 14.0, WAVE NW 1, SWELL NW 1, WIND NW 1 , BARO 1017.5 ,
 AIR TEMP. DRY 20.8, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	17.87	32.829	6.78	0	17.87	32.829	6.78	23.66	424	423	0.0000
10	16.36	32.717	6.05	10	16.36	32.717	6.05	23.93	398	398	0.0411

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

20	14.41	32.926	6.11	20	14.41	32.926	6.11	24.52	342	342	0.0781
30	11.90	33.182	6.33	30	11.90	33.182	6.33	25.21	276	276	0.1091
50	11.01	33.384	6.47	50	11.01	33.384	6.47	25.53	245	246	0.1614
75	9.42	33.417	5.98	75	9.42	33.417	5.98	25.83	217	218	0.2196
89	10.13	33.439	5.99								

JEONBUK 868 , STATION 311-09 , 34-43.0. N. 124-35.8. E, JUN. 10. 1987, 10:30 KST,
 DEPTH 90 , COLOR 4, TRANS. 12.0, WAVE , SWELL , WIND NW 1 , BARO 1017.3,
 AIR TEMP. DRY 20.1, WET , CLOUD. TYPE , AMT 00. WEATHER B

0	17.51	33.008	6.02	0	17.51	33.008	6.02	23.88	402	402	0.0000
10	16.91	32.918	6.45	10	16.91	32.918	6.45	23.96	396	396	0.0399
20	13.06	33.170	6.22	20	13.06	33.170	6.22	24.98	298	298	0.0746
30	11.67	33.279	6.37	30	11.67	33.279	6.37	25.33	265	265	0.1028
50	11.09	33.381	6.36	50	11.09	33.381	6.36	25.52	247	248	0.1542
75	9.15	33.536	6.01	75	9.15	33.536	6.01	25.96	204	205	0.2109
88	9.74	33.575	6.05								

JEONBUK 868 , STATION 311-10 , 34-43.0. N. 124-23.4. E, JUN. 10. 1987, 09:00 KST,
 DEPTH 83 , COLOR 4, TRANS. 11.0, WAVE NW 1, SWELL NW 1, WIND NW 1 , BARO 1017. ,
 AIR TEMP. DRY 19.9, WET , CLOUD. TYPE , AMT 00. WEATHER B

0	17.43	32.833	5.95	0	17.43	32.833	5.95	23.77	413	413	0.0000
10	16.60	32.891	5.97	10	16.60	32.891	5.97	24.01	391	391	0.0402
20	13.96	33.291	6.17	20	13.96	33.291	6.17	24.89	306	307	0.0751
30	11.50	33.497	6.37	30	11.50	33.497	6.37	25.53	245	246	0.1028
50	8.85	33.454	6.20	50	8.85	33.454	6.20	25.95	206	206	0.1481
75	8.65	33.470	6.02	75	8.65	33.470	6.02	25.99	202	203	0.1994
81	8.60	33.567	5.97								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

8月(August)

JEONBUK 868 , STATION 311-04 , 34-43.0. N, 125-43.9. E, AUG. 11, 1987, 17:35 KST,
 DEPTH 34 , COLOR 4, TRANS. 8.0, WAVE S 2, SWELL S 1, WIND S 3 , BARO 1017.5,
 AIR TEMP. DRY 22.3, WET , CLOUD. TYPE CI, AMT 04, WEATHER BC

0	21.60	32.032	5.33	0	21.60	32.032	5.33	22.09	573	573	0.0000
10	20.30	32.148	5.56	10	20.30	32.148	5.56	22.53	532	532	0.0552
20	18.25	32.418	5.78	20	18.25	32.418	5.78	23.25	463	463	0.1050
32	16.91	32.508	6.02	30	17.13	32.493	5.98	23.58	432	432	0.1498

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 JEONBUK 868 , STATION 311-05 , 34-43.0. N, 125-31.9. E, AUG. 11, 1987, 15:55 KST,
 DEPTH 75 , COLOR 4, TRANS. 7.0, WAVE S 2, SWELL S 1, WIND S 3 , BARO 1017. ,
 AIR TEMP. DRY 22.8, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	19.82	32.310	5.38	0	19.82	32.310	5.38	22.78	508	508	0.0000
10	18.94	32.558	5.49	10	18.94	32.558	5.49	23.19	469	469	0.0488
20	18.60	32.597	5.71	20	18.60	32.597	5.71	23.30	458	458	0.0952
30	17.85	32.572	5.73	30	17.85	32.572	5.73	23.47	442	443	0.1403
50	17.42	32.535	5.27	50	17.42	32.535	5.27	23.54	435	436	0.2282
73	17.19	32.457	5.00								

JEONBUK 868 , STATION 311-06 , 34-43.0. N, 125-19.4. E, AUG. 11, 1987, 14:20 KST,
 DEPTH 90 , COLOR 4, TRANS. 11.0, WAVE S 2, SWELL S 1, WIND S 3 , BARO 1017. ,
 AIR TEMP. DRY 23.5, WET , CLOUD. TYPE AS, AMT 08, WEATHER C

0	22.90	31.812	5.12	0	22.90	31.812	5.12	21.57	624	624	0.0000
10	21.31	31.958	5.52	10	21.31	31.958	5.52	22.12	571	571	0.0597

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
20	20.00	32.066	5.49	20	20.00	32.066	5.49	22.55	530	530	0.1149
30	16.60	32.132	5.51	30	16.60	32.132	5.51	23.43	446	447	0.1638
50	16.35	32.732	5.42	50	16.35	32.732	5.42	23.94	397	398	0.2483
75	14.19	32.918	5.00	75	14.19	32.918	5.00	24.56	338	340	0.3406
88	12.70	33.035	4.86								

JEONBUK 868 , STATION 311-07 , 34-43.0. N, 125-00.0. E, AUG. 11. 1987, 12:00 KST,
 DEPTH 91 , COLOR 3, TRANS. 16.0, WAVE SE 2, SWELL SE 1, WIND SE 3 , BARO 1015. ,
 AIR TEMP. DRY 24.3, WET , CLOUD. TYPE AS, AMT 09, WEATHER C

0	24.90	31.630	5.18	0	24.90	31.630	5.18	20.85	693	692	0.0000
10	24.75	31.599	5.46	10	24.75	31.599	5.46	20.87	691	691	0.0692
20	24.45	31.929	5.30	20	24.45	31.929	5.30	21.21	658	659	0.1367
30	17.96	32.155	5.46	30	17.96	32.155	5.46	23.12	475	475	0.1934
50	12.27	33.163	5.30	50	12.27	33.163	5.30	25.13	284	285	0.2695
75	10.11	33.334	5.07	75	10.11	33.334	5.07	25.65	234	235	0.3347
89	10.08	33.357	4.84								

JEONBUK 868 , STATION 311-08 , 34-43.0. N, 124-47.9. E, AUG. 11. 1987, 10:25 KST,
 DEPTH 93 , COLOR 3, TRANS. 16.0, WAVE SE 2, SWELL SE 1, WIND SE 2 , BARO 1017.5,
 AIR TEMP. DRY 25.9, WET , CLOUD. TYPE AS, AMT 09, WEATHER C

0	24.79	31.172	5.21	0	24.79	31.172	5.21	20.54	723	722	0.0000
10	24.59	31.079	5.46	10	24.59	31.079	5.46	20.53	724	724	0.0723
20	21.30	31.792	5.34	20	21.30	31.792	5.34	21.99	583	583	0.1377
30	16.60	31.924	5.33	30	16.60	31.924	5.33	23.27	461	462	0.1900
50	12.80	33.058	5.32	50	12.80	33.058	5.32	24.94	301	302	0.2665
75	9.67	33.370	5.00	75	9.67	33.370	5.00	25.75	225	226	0.3326
91	9.91	33.307	5.36								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
JEONBUK 868 , STATION 311-09 , 34-43.0. N, 124-35.8. E, AUG. 11. 1987, 08:45 KST,											
DEPTH 88 , COLOR 3, TRANS. 14.0, WAVE SE 2, SWELL SE 1, WIND SE 2 , BARO 1017.5,											
AIR TEMP. DRY 25.0, WET , CLOUD. TYPE AS, AMT 09, WEATHER C											
0	24.97	31.183	5.25	0	24.97	31.183	5.25	20.49	727	727	0.0000
10	24.95	31.064	5.36	10	24.95	31.064	5.36	20.41	735	735	0.0731
20	23.16	31.353	5.31	20	23.16	31.353	5.31	21.15	664	664	0.1431
30	16.60	32.477	5.72	30	16.60	32.477	5.72	23.69	421	421	0.1974
50	11.60	33.349	5.42	50	11.60	33.349	5.42	25.40	258	259	0.2656
75	7.87	33.307	4.96	75	7.87	33.307	4.96	25.98	203	204	0.3235
86	9.48	33.431	4.81								

JEONBUK 868 , STATION 311-10 , 34-43.0. N, 124-23.4. E, AUG. 11. 1987, 17:10 KST,
 DEPTH 84 , COLOR 3, TRANS. 16.0, WAVE SE 2, SWELL SE 1, WIND SE 2 , BARO 1017. ,
 AIR TEMP. DRY 25.4, WET , CLOUD. TYPE CI, AMT 07, WEATHER BC

0	24.72	31.210	5.49	0	24.72	31.210	5.49	20.59	718	718	0.0000
10	24.70	31.056	5.46	10	24.70	31.056	5.46	20.48	728	728	0.0723
20	22.60	31.410	5.75	20	22.60	31.410	5.75	21.35	645	645	0.1410
30	17.80	32.329	5.86	30	17.80	32.329	5.86	23.29	459	459	0.1963
50	13.06	33.349	5.55	50	13.06	33.349	5.55	25.12	285	286	0.2709
75	9.21	33.330	5.25	75	9.21	33.330	5.25	25.79	220	221	0.3344
82	9.19	33.334	4.86								

10月(October)

JEONBUK 868 , STATION 311-04 , 34-43.0. N, 125-43.9. E, OCT. 12. 1987, 00:10 KST,
 DEPTH 34 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 3 , BARO 1016. ,
 AIR TEMP. DRY 19.5, WET , CLOUD. TYPE CI, AMT 06, WEATHER BC

0	18.49	32.453	6.01	0	18.49	32.453	6.01	23.22	466	465	0.0000
10	18.23	32.415	5.83	10	18.23	32.415	5.83	23.26	462	462	0.0464
20	17.22	32.484	5.71	20	17.22	32.484	5.71	23.55	434	434	0.0913
32	16.93	32.411	5.59	30	16.97	32.423	5.61	23.56	433	434	0.1347

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
JEONBUK 868 , STATION 311-05 , 34-43.0. N, 125-31.9. E, OCT. 11. 1987, 22:35 KST, DEPTH 75 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 3 , BARO 1016. , AIR TEMP. DRY 20.0, WET , CLOUD. TYPE CI, AMT 06, WEATHER BC											
0	18.02	32.403	5.70	0	18.02	32.403	5.70	23.30	458	458	0.0000
10	17.82	32.651	5.77	10	17.82	32.651	5.77	23.54	436	436	0.0447
20	17.68	32.453	5.66	20	17.68	32.453	5.66	23.42	447	447	0.0889
30	17.19	32.519	5.69	30	17.19	32.519	5.69	23.58	431	431	0.1328
50	16.84	32.581	5.63	50	16.84	32.581	5.63	23.71	419	420	0.2180
73	16.75	32.496	5.56								
JEONBUK 868 , STATION 311-06 , 34-43.0. N, 125-19.4. E, OCT. 11. 1987, 21:00 KST, DEPTH 90 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 2 , BARO 1016. , AIR TEMP. DRY 20.5, WET , CLOUD. TYPE CI, AMT 06, WEATHER BC											
0	18.21	32.349	5.71	0	18.21	32.349	5.71	23.21	467	466	0.0000
10	17.72	32.539	5.69	10	17.72	32.539	5.69	23.47	441	441	0.0454
20	16.79	32.577	5.73	20	16.79	32.577	5.73	23.72	418	418	0.0884
30	16.50	32.515	5.75	30	16.50	32.515	5.75	23.74	416	416	0.1302
50	15.84	32.597	5.64	50	15.84	32.597	5.64	23.95	396	397	0.2116
75	13.91	32.632	5.46	75	13.91	32.632	5.46	24.39	354	355	0.3057
88	12.31	32.651	5.44								
JEONBUK 868 , STATION 311-07 , 34-43.0. N, 125-00.0. E, OCT. 11. 1987, 18:40 KST, DEPTH 90 , COLOR 4, TRANS. 13.0, WAVE NW 2, SWELL NW 1, WIND NW 2 , BARO 1016. , AIR TEMP. DRY 22.8, WET , CLOUD. TYPE CI, AMT 06, WEATHER BC											
0	21.47	31.858	5.90	0	21.47	31.858	5.90	22.00	583	582	0.0000
10	20.49	31.858	5.69	10	20.49	31.858	5.69	22.26	558	557	0.0570

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

20	18.11	32.360	5.92	20	18.11	32.360	5.92	23.24	463	464	0.1081
30	18.00	32.566	5.99	30	18.00	32.566	5.99	23.43	446	446	0.1537
50	15.07	33.085	5.55	50	15.07	33.085	5.55	24.50	344	345	0.2329
75	10.30	33.037	5.50	75	10.30	33.037	5.50	25.39	259	260	0.3087
88	10.15	33.120	5.71								

JEONBUK 868 , STATION 311-08 , 34-43.0. N, 124-47.9. E, OCT.11.1987, 17:05 KST,
 DEPTH 93 , COLOR 3, TRANS. 17.0, WAVE NW 2, SWELL NW 1, WIND NW 2 , BARO 1016. ,
 AIR TEMP, DRY 22.7, WET , CLOUD, TYPE CI, AMT 04, WEATHER BC

0	21.18	31.869	5.96	0	21.18	31.869	5.96	22.08	574	574	0.0000
10	20.78	31.924	5.79	10	20.78	31.924	5.79	22.23	560	560	0.0567
20	20.36	32.155	6.08	20	20.36	32.155	6.08	22.52	533	533	0.1114
30	19.99	32.005	6.46	30	19.99	32.005	6.46	22.50	534	535	0.1648
50	15.71	33.015	5.98	50	15.71	33.015	5.98	24.30	362	363	0.2548
75	11.90	33.318	5.73	75	11.90	33.318	5.73	25.32	266	267	0.3337
91	10.76	33.241	5.69								

JEONBUK 868 , STATION 311-09 , 34-43.0. N, 124-35.8. E, OCT.11.1987, 15:25 KST,
 DEPTH 89 , COLOR 3, TRANS. 19.0, WAVE NW 2, SWELL NW 1, WIND NW 2 , BARO 1016. ,
 AIR TEMP, DRY 23.2, WET , CLOUD, TYPE CI, AMT 04, WEATHER BC

0	21.80	31.576	5.98	0	21.80	31.576	5.98	21.70	612	611	0.0000
10	21.71	31.534	5.96	10	21.71	31.534	5.96	21.69	612	612	0.0612
20	20.10	31.866	6.00	20	20.10	31.866	6.00	22.37	547	547	0.1192
30	20.06	32.256	6.43	30	20.06	32.256	6.43	22.67	518	518	0.1726
50	15.81	32.825	6.09	50	15.81	32.825	6.09	24.14	378	379	0.2624
75	10.31	33.112	5.59	75	10.31	33.112	5.59	25.44	254	255	0.3419
87	10.30	33.299	5.59								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
JEONBUK 868 , STATION 311-10 , 34-43.0. N, 124-23.4. E, OCT. 11, 1987, 13:15 KST,											
DEPTH 84 , COLOR 3, TRANS. 19.0, WAVE NW 1, SWELL NW 1, WIND NW 1 , BARO 1017. ,											
AIR TEMP. DRY 22.9, WET , CLOUD. TYPE CI, AMT 04, WEATHER BC											
0	21.91	31.626	6.20	0	21.91	31.626	6.20	21.70	611	611	0.0000
10	21.81	31.607	6.29	10	21.81	31.607	6.29	21.72	610	610	0.0610
20	21.42	31.970	6.27	20	21.42	31.970	6.27	22.10	573	573	0.1202
30	21.02	31.866	6.20	30	21.02	31.866	6.20	22.13	570	571	0.1775
50	16.79	32.399	6.01	50	16.79	32.399	6.01	23.59	431	432	0.2778
75	11.01	33.089	5.39	75	11.01	33.089	5.39	25.30	267	268	0.3655
82	10.03	33.295	5.63								

12月(December)

JEONBUK 868 , STATION 311-04 , 34-43.0. N, 125-43.9. E, DEC. 9, 1987, 09:50 KST,											
DEPTH 34 , COLOR 4, TRANS. 2.0, WAVE W 1, SWELL W 1, WIND W 1 , BARO 1030. ,											
AIR TEMP. DRY 8.9, WET , CLOUD. TYPE AS, AMT 04, WEATHER BC											
0	10.97	32.190	6.06	0	10.97	32.190	6.06	24.61	333	333	0.0000
10	11.01	32.101	6.08	10	11.01	32.101	6.08	24.54	340	340	0.0336
20	11.12	32.237	6.00	20	11.12	32.237	6.00	24.62	332	332	0.0673
32	11.46	32.318	6.10	30	11.40	32.304	6.08	24.62	332	332	0.1005
JEONBUK 868 , STATION 311-05 , 34-43.0. N, 125-31.9. E, DEC. 9, 1987, 08:15 KST,											
DEPTH 75 , COLOR 3, TRANS. 9.0, WAVE W 1, SWELL W 1, WIND W 2 , BARO 1031. ,											
AIR TEMP. DRY 9.0, WET , CLOUD. TYPE AS, AMT 04, WEATHER BC											
0	12.02	32.415	6.23	0	12.02	32.415	6.23	24.60	334	334	0.0000
10	12.05	32.488	6.13	10	12.05	32.488	6.13	24.65	330	329	0.0332
20	12.08	32.477	6.08	20	12.08	32.477	6.08	24.63	331	331	0.0663
30	12.12	32.465	5.95	30	12.12	32.465	5.95	24.62	333	333	0.0995
50	12.11	32.457	5.73	50	12.11	32.457	5.73	24.61	333	334	0.1663
73	12.15	32.469	5.48								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

JEONBUK 868 , STATION 311-06 , 34-43.0. N, 125-19.4. E, DEC. 9. 1987, 06:45 KST,
 DEPTH 90 , COLOR , TRANS. , WAVE W 1, SWELL W 1, WIND W 2 , BARO 1032. ,
 AIR TEMP. DRY 9.2, WET , CLOUD. TYPE AS, AMT 07, WEATHER BC

0	12.50	32.535	6.18	0	12.50	32.535	6.18	24.60	334	334	0.0000
10	12.52	32.593	5.93	10	12.52	32.593	5.93	24.64	330	330	0.0332
20	12.51	32.546	6.08	20	12.51	32.546	6.08	24.61	334	334	0.0665
30	12.52	32.593	6.10	30	12.52	32.593	6.10	24.64	330	331	0.0997
50	12.56	32.639	5.86	50	12.56	32.639	5.86	24.67	328	328	0.1657
75	12.50	32.693	5.58	75	12.50	32.693	5.58	24.72	323	324	0.2474
88	12.52	32.969	5.28								

461- JEONBUK 868 , STATION 311-07 , 34-43.0. N, 125-00.0. E, DEC. 9. 1987, 04:25 KST,
 DEPTH 90 , COLOR , TRANS. , WAVE W 1, SWELL W 1, WIND W 2 , BARO 1032. ,
 AIR TEMP. DRY 9.0, WET , CLOUD. TYPE AS, AMT 06, WEATHER BC

0	12.30	32.484	6.08	0	12.30	32.484	6.08	24.60	334	334	0.0000
10	12.33	32.500	6.10	10	12.33	32.500	6.10	24.60	334	334	0.0334
20	12.35	32.449	6.03	20	12.35	32.449	6.03	24.56	338	338	0.0670
30	12.36	32.523	6.00	30	12.36	32.523	6.00	24.62	333	333	0.1006
50	12.41	32.601	5.88	50	12.41	32.601	5.88	24.67	328	329	0.1668
75	12.36	32.655	5.68	75	12.36	32.655	5.68	24.72	323	324	0.2486
88	12.12	32.969	5.18								

JEONBUK 868 , STATION 311-08 , 34-43.0. N, 124-47.9. E, DEC. 9. 1987, 02:55 KST,
 DEPTH 93 , COLOR , TRANS. , WAVE W 1, SWELL W 1, WIND W 2 , BARO 1032. ,
 AIR TEMP. DRY 9.0, WET , CLOUD. TYPE AS, AMT 07, WEATHER BC

0	12.35	32.473	6.06	0	12.35	32.473	6.06	24.58	336	336	0.0000
10	12.39	32.436	6.03	10	12.39	32.436	6.03	24.54	339	339	0.0338

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
20	12.38	32.477	6.10	20	12.38	32.477	6.10	24.58	336	336	0.0676
30	12.39	32.438	6.08	30	12.39	32.438	6.08	24.54	339	340	0.1015
50	12.49	32.585	5.98	50	12.49	32.585	5.98	24.64	330	331	0.1686
75	11.83	33.070	5.43	75	11.83	33.070	5.43	25.14	283	284	0.2457
91	11.61	33.120	5.28								

JEONBUK 868 , STATION 311-09 , 34-43.0. N, 124-35.8. E, DEC. 9.1987, 01:20 KST,
 DEPTH 88 , COLOR , TRANS. , WAVE W 1, SWELL W 1, WIND W 2 , BARO 1031. ,
 AIR TEMP. DRY 9.2, WET , CLOUD, TYPE AS, AMT 06, WEATHER BC

0	12.22	32.400	6.25	0	12.22	32.400	6.25	24.55	339	0.0000
10	12.23	32.388	6.05	10	12.23	32.388	6.05	24.54	340	0.0339
20	12.21	32.407	6.15	20	12.21	32.407	6.15	24.55	338	0.0679
30	12.56	32.620	6.08	30	12.56	32.620	6.08	24.65	329	0.1014
50	12.08	32.880	5.88	50	12.08	32.880	5.88	24.95	301	0.1646
75	11.89	33.023	5.60	75	11.89	33.023	5.60	25.09	287	0.2386
86	11.72	33.128	5.40							

JEONBUK 868 , STATION 311-10 , 34-43.0. N, 124-23.4. E, DEC. 8.1987, 23:50 KST,
 DEPTH 84 , COLOR , TRANS. , WAVE W 1, SWELL W 1, WIND W 2 , BARO 1031. ,
 AIR TEMP. DRY 9.0, WET , CLOUD, TYPE AS, AMT 06, WEATHER BC

0	12.26	32.403	6.17	0	12.26	32.403	6.17	24.54	340	0.0000
10	12.23	32.488	6.06	10	12.23	32.488	6.06	24.61	333	0.0336
20	12.29	32.468	5.90	20	12.29	32.468	5.90	24.59	335	0.0671
30	12.43	32.527	6.00	30	12.43	32.527	6.00	24.61	334	0.1006
50	12.14	32.946	5.76	50	12.14	32.946	5.76	24.99	297	0.1639
75	11.46	33.175	5.56	75	11.46	33.175	5.56	25.29	269	0.2350
82	11.16	33.330	5.40							

312 線 海洋觀測 成績 Oceanographic Data. Line 312

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

2 月(February)

JEONBUK 868 , STATION 312-02 , 33-58.5. N, 126-06.0. E, FEB. 9. 1987, 01:40 KST,
 DEPTH 87 , COLOR , TRANS. , WAVE S 2, SWELL S 1, WIND S 3 , BARO 1023. ,
 AIR TEMP. DRY 9.1, WET , CLOUD, TYPE AS, AMT 03, WEATHER BC

0	8.20	32.732	6.52	0	8.20	32.732	6.52	25.48	250	250	0.0000
10	8.12	32.771	6.47	10	8.12	32.771	6.47	25.52	246	246	0.0248
20	8.03	32.825	6.27	20	8.03	32.825	6.27	25.58	241	241	0.0492
30	8.71	33.023	6.15	30	8.71	33.023	6.15	25.63	236	236	0.0731
50	8.90	33.307	6.02	50	8.90	33.307	6.02	25.83	217	218	0.1186
85	11.96	33.384	5.77	75	11.08	33.362	5.84	25.50	248	250	0.1772

JEONBUK 868 , STATION 312-03 , 33-59.8. N, 125-54.0. E, FEB. 9. 1987, 03:10 KST,
 DEPTH 73 , COLOR , TRANS. , WAVE SW 2, SWELL SW 1, WIND SW 3 , BARO 1023. ,
 AIR TEMP. DRY 8.5, WET , CLOUD, TYPE AS, AMT 04, WEATHER BC

0	5.52	32.090	6.62	0	5.52	32.090	6.62	25.33	265	264	0.0000
10	5.60	32.090	6.47	10	5.60	32.090	6.47	25.32	265	265	0.0265
20	6.00	32.244	6.52	20	6.00	32.244	6.52	25.40	258	258	0.0527
30	6.64	32.566	6.32	30	6.64	32.566	6.32	25.57	242	242	0.0778
50	6.80	32.601	6.04	50	6.80	32.601	6.04	25.58	241	242	0.1262
71	9.20	33.217	5.82								

JEONBUK 868 , STATION 312-04 , 34-01.3. N, 125-42.0. E, FEB. 9. 1987, 04:30 KST,
 DEPTH 84 , COLOR , TRANS. , WAVE SW 3, SWELL SW 1, WIND SW 3 , BARO 1023. ,
 AIR TEMP. DRY 10.3, WET , CLOUD, TYPE AS, AMT 03, WEATHER BC

0	7.87	32.775	6.52	0	7.87	32.775	6.52	25.56	242	242	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
10	7.87	32.728	6.47	10	7.87	32.728	6.47	25.53	246	246	0.0244
20	8.01	32.771	6.37	20	8.01	32.771	6.37	25.54	245	245	0.0489
30	8.01	32.802	6.35	30	8.01	32.802	6.35	25.56	242	242	0.0733
50	11.39	33.050	5.77	50	11.39	33.050	5.77	25.20	277	277	0.1254
82	11.77	33.124	5.82	75	11.68	33.107	5.80	25.19	277	279	0.1951

JEONBUK 868 , STATION 312-05 , 34-02.6. N, 125-30.0. E, FEB. 9, 1987, 05:50 KST,
 DEPTH 92 , COLOR , TRANS. , WAVE SW 2, SWELL SW 1, WIND SW 4 , BARO 1022. ,
 AIR TEMP. DRY 9.2, WET , CLOUD, TYPE AS, AMT 03, WEATHER BC

0	8.98	32.915	6.57	0	8.98	32.915	6.57	25.51	248	247	0.0000
10	9.05	33.093	6.42	10	9.05	33.093	6.42	25.63	236	235	0.0241
20	9.20	33.186	6.29	20	9.20	33.186	6.29	25.68	231	231	0.0475
30	10.19	33.136	6.27	30	10.19	33.136	6.27	25.48	250	250	0.0716
50	10.80	33.171	5.97	50	10.80	33.171	5.97	25.40	258	258	0.1226
75	11.58	33.229	6.02	75	11.58	33.229	6.02	25.31	267	268	0.1885
90	12.41	33.272	5.87								

JEONBUK 868 , STATION 312-06 , 34-04.1. N, 125-18.0. E, FEB. 9, 1987, 07:10 KST,
 DEPTH 103 , COLOR , TRANS. 4.0, WAVE SW 2, SWELL SW 1, WIND SW 4 , BARO 1022. ,
 AIR TEMP. DRY 10.8, WET , CLOUD, TYPE AS, AMT 05, WEATHER BC

0	9.00	33.225	6.62	0	9.00	33.225	6.62	25.75	225	225	0.0000
10	8.32	33.241	6.82	10	8.32	33.241	6.82	25.86	214	214	0.0219
20	8.51	33.245	6.57	20	8.51	33.245	6.57	25.84	216	216	0.0435
30	9.37	33.474	6.54	30	9.37	33.474	6.54	25.88	212	212	0.0650
50	11.36	33.884	6.42	50	11.36	33.884	6.42	25.86	215	215	0.1079
75	11.95	33.972	6.37	75	11.95	33.972	6.37	25.82	218	220	0.1624
101	12.12	33.996	6.15	100	12.11	33.995	6.15	25.80	222	222	0.2177

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

JEONBUK 868 , STATION 312-07 , 34-05.5. N, 125-00.0. E, FEB. 9. 1987, 09:10 KST,
 DEPTH 90 , COLOR , TRANS. 5.0, WAVE SW 3, SWELL SW 2, WIND SW 4 , BARO 1022. ,
 AIR TEMP. DRY 10.3, WET , CLOUD, TYPE AS, AMT 05, WEATHER BC

0	9.12	33.144	6.77	0	9.12	33.144	6.77	25.66	233	233	0.0000
10	9.73	33.124	6.62	10	9.73	33.124	6.62	25.55	244	244	0.0238
20	9.72	33.186	6.57	20	9.72	33.186	6.57	25.60	239	239	0.0480
30	10.69	33.217	6.52	30	10.69	33.217	6.52	25.46	252	253	0.0726
50	10.59	33.314	6.47	50	10.59	33.314	6.47	25.55	244	244	0.1224
75	11.38	33.478	6.37	75	11.38	33.478	6.37	25.54	245	246	0.1838
88	12.53	33.497	6.35								

JEONBUK 868 , STATION 312-08 , 34-05.5. N, 124-48.0. E, FEB. 9. 1987, 10:50 KST,
 DEPTH 92 , COLOR , TRANS. 4.0, WAVE SW 3, SWELL SW 2, WIND SW 4 , BARO 1023.5,
 AIR TEMP. DRY 11.8, WET , CLOUD, TYPE AS, AMT 07, WEATHER BC

0	9.18	33.353	6.62	0	9.18	33.353	6.62	25.82	218	218	0.0000
10	9.31	33.419	6.57	10	9.31	33.419	6.57	25.85	215	215	0.0217
20	9.92	33.493	6.52	20	9.92	33.493	6.52	25.81	219	219	0.0434
30	10.63	33.606	6.47	30	10.63	33.606	6.47	25.77	223	223	0.0656
50	10.73	33.684	6.32	50	10.73	33.684	6.32	25.81	219	219	0.1099
75	11.63	33.820	6.32	75	11.63	33.820	6.32	25.76	224	225	0.1656
90	12.60	33.933	6.12								

JEONBUK 868 , STATION 312-09 , 34-05.5. N, 124-36.0. E, FEB. 9. 1987, 12:25 KST,
 DEPTH 86 , COLOR , TRANS. 5.0, WAVE SW 3, SWELL SW 2, WIND SW 4 , BARO 1023. ,
 AIR TEMP. DRY 12.0, WET , CLOUD, TYPE AS, AMT 07, WEATHER BC

0	9.65	33.311	6.57	0	9.65	33.311	6.57	25.71	229	228	0.0000
10	9.71	33.349	6.52	10	9.71	33.349	6.52	25.73	227	227	0.0227

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

20	10.62	33.353	6.52	20	10.62	33.353	6.52	25.58	241	241	0.0462
30	10.69	33.505	6.42	30	10.69	33.505	6.42	25.68	231	231	0.0699
50	11.89	33.626	6.22	50	11.89	33.626	6.22	25.56	243	244	0.1175
84	12.71	33.777	6.22	75	12.49	33.737	6.22	25.53	246	247	0.1790

JEONBUK 868 , STATION 312-10 , 34-05.5. N, 124-24.0. E, FEB, 9, 1987, 14:05 KST,
 DEPTH 80 , COLOR , TRANS. 5.0, WAVE SW 3, SWELL SW 2, WIND SW 4 , BARO 1023. ,
 AIR TEMP. DRY 12.5, WET , CLOUD. TYPE AS, AMT 06, WEATHER BC

0	9.74	33.303	6.52	0	9.74	33.303	6.52	25.69	231	230	0.0000
10	9.56	33.377	6.47	10	9.56	33.377	6.47	25.77	222	222	0.0226
20	9.61	33.370	6.35	20	9.61	33.370	6.35	25.76	224	224	0.0450
30	10.42	33.466	6.22	30	10.42	33.466	6.22	25.70	229	230	0.0677
50	11.66	33.657	6.17	50	11.66	33.657	6.17	25.63	236	237	0.1145
78	12.64	33.820	6.07	75	12.53	33.802	6.08	25.57	242	243	0.1747

4 月(April)

JEONBUK 868 , STATION 312-02 , 33-58.5. N, 126-06.0. E, APR. 15, 1987, 08:00 KST,
 DEPTH 86 , COLOR , TRANS. 1.0, WAVE NE 2, SWELL NE 1, WIND NE 2 , BARO 1028. ,
 AIR TEMP. DRY 9.8, WET , CLOUD. TYPE CS, AMT 06, WEATHER BC

0	10.36	33.902	6.51	0	10.36	33.902	6.51	26.05	196	196	0.0000
10	10.38	33.965	6.37	10	10.38	33.965	6.37	26.09	192	192	0.0194
20	10.42	33.984	6.16	20	10.42	33.984	6.16	26.10	191	191	0.0386
30	10.43	33.987	6.01	30	10.43	33.987	6.01	26.10	191	191	0.0578
50	10.49	33.918	6.08	50	10.49	33.918	6.08	26.04	197	198	0.0968
84	10.61	33.949	6.16	75	10.57	33.940	6.13	26.04	197	198	0.1465

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

JEONBUK 868 , STATION 312-03 , 33-59.8. N, 125-54.0. E, APR. 15, 1987, 09:30 KST,
 DEPTH 73 , COLOR , TRANS. 2.0, WAVE NE 2, SWELL NE 1, WIND NE 2 , BARO 1028. ,
 AIR TEMP. DRY 10.3, WET , CLOUD, TYPE CS, AMT 06, WEATHER BC

0	9.51	33.626	6.24	0	9.51	33.626	6.24	25.98	203	203	0.0000
10	9.47	33.528	6.21	10	9.47	33.528	6.21	25.91	210	210	0.0206
20	9.51	33.559	6.01	20	9.51	33.559	6.01	25.92	208	208	0.0416
30	9.50	33.567	5.82	30	9.50	33.567	5.82	25.93	207	208	0.0624
50	9.50	33.571	5.99	50	9.50	33.571	5.99	25.94	207	208	0.1040
71	9.50	33.595	6.07								

JEONBUK 868 , STATION 312-04 , 34-01.3. N, 125-42.0. E, APR. 15, 1987, 11:05 KST,
 DEPTH 84 , COLOR , TRANS. 3.0, WAVE NE 2, SWELL NE 1, WIND NE 2 , BARO 1028. ,
 AIR TEMP. DRY 9.7, WET , CLOUD, TYPE CS, AMT 07, WEATHER BC

0	8.85	33.299	6.27	0	8.85	33.299	6.27	25.83	217	217	0.0000
10	8.82	33.299	6.22	10	8.82	33.299	6.22	25.83	217	217	0.0217
20	8.85	33.287	6.19	20	8.85	33.287	6.19	25.82	218	218	0.0435
30	9.03	33.462	5.92	30	9.03	33.462	5.92	25.93	208	208	0.0649
50	9.24	33.813	5.87	50	9.24	33.813	5.87	26.17	185	186	0.1044
82	9.91	33.832	5.75	75	9.76	33.827	5.77	26.09	192	193	0.1519

JEONBUK 868 , STATION 312-05 , 34-02.6. N, 125-30.0. E, APR. 15, 1987, 12:35 KST,
 DEPTH 92 , COLOR , TRANS. 3.0, WAVE NE 2, SWELL NE 1, WIND NE 2 , BARO 1028. ,
 AIR TEMP. DRY 10.5, WET , CLOUD, TYPE CS, AMT 08, WEATHER C

0	8.50	33.346	6.68	0	8.50	33.346	6.68	25.92	209	208	0.0000
10	8.58	33.303	6.61	10	8.58	33.303	6.61	25.87	213	213	0.0211

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
20	8.63	33.326	6.51	20	8.63	33.326	6.51	25.88	212	212	0.0424
30	8.71	33.417	6.47	30	8.71	33.417	6.47	25.94	207	207	0.0634
50	9.57	33.540	6.40	50	9.57	33.540	6.40	25.90	210	211	0.1052
75	10.38	33.945	6.21	75	10.38	33.945	6.21	26.08	193	195	0.1561
90	10.42	33.961	6.04								

JEONBUK 868 , STATION 312-06 , 34-04.1. N, 125-18.0. E, APR. 15, 1987, 14:10 KST,
 DEPTH 103 , COLOR , TRANS. 3.0, WAVE NE 1, SWELL NE 1, WIND NE 1 , BARO 1028. ,
 AIR TEMP. DRY 9.5, WET , CLOUD. TYPE CS, AMT 09, WEATHER C

0	8.80	33.229	6.58	0	8.80	33.229	6.58	25.78	222	222	0.0000
10	8.70	33.221	6.46	10	8.70	33.221	6.46	25.79	221	221	0.0221
20	8.95	33.318	6.56	20	8.95	33.318	6.56	25.83	217	217	0.0441
30	9.09	33.416	6.56	30	9.09	33.416	6.56	25.88	212	212	0.0656
50	9.63	33.579	6.48	50	9.63	33.579	6.48	25.92	208	209	0.1079
75	11.16	33.797	6.08	75	11.16	33.797	6.08	25.83	217	219	0.1615
100	11.25	34.070	6.16	100	11.25	34.070	6.16	26.02	199	201	0.2141

JEONBUK 868 , STATION 312-07 , 34-05.5. N, 125-00.0. E, APR. 15, 1987, 16:25 KST,
 DEPTH 91 , COLOR , TRANS. 6.0, WAVE NW 1, SWELL NW 1, WIND NW 1 , BARO 1028. ,
 AIR TEMP. DRY 10.0, WET , CLOUD. TYPE CS, AMT 09, WEATHER C

0	10.00	33.762	6.68	0	10.00	33.762	6.68	26.00	201	200	0.0000
10	9.99	33.793	6.54	10	9.99	33.793	6.54	26.03	198	198	0.0199
20	10.21	33.832	6.38	20	10.21	33.832	6.38	26.02	199	199	0.0399
30	10.28	33.871	6.36	30	10.28	33.871	6.36	26.04	197	198	0.0597
50	10.37	33.883	6.36	50	10.37	33.883	6.36	26.03	198	199	0.0994
75	10.40	33.922	6.31	75	10.40	33.922	6.31	26.06	195	197	0.1490
89	10.40	33.929	6.36								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

JEONBUK 868 , STATION 312-08 , 34-05.5. N, 124-48.0. E, APR. 15. 1987, 18:05 KST,
 DEPTH 92 , COLOR , TRANS. 6.0, WAVE NW 1, SWELL NW 1, WIND NW 1 , BARO 1028. ,
 AIR TEMP. DRY 9.8, WET , CLOUD. TYPE CS, AMT 09, WEATHER C

0	9.50	33.462	6.76	0	9.50	33.462	6.76	25.85	215	215	0.0000
10	9.15	33.404	6.71	10	9.15	33.404	6.71	25.86	214	214	0.0214
20	9.30	33.458	6.56	20	9.30	33.458	6.56	25.88	212	212	0.0428
30	9.88	33.723	6.46	30	9.88	33.723	6.46	25.99	202	202	0.0636
50	10.30	34.039	6.26	50	10.30	34.039	6.26	26.17	185	186	0.1025
75	10.31	34.046	6.21	75	10.31	34.046	6.21	26.17	185	186	0.1491
90	10.29	34.117	6.08								

JEONBUK 868 , STATION 312-09 , 34-05.5. N, 124-36.0. E, APR. 15. 1987, 19:35 KST,
 DEPTH 86 , COLOR , TRANS. , WAVE NW 1, SWELL NW 1, WIND NW 1 , BARO 1027. ,
 AIR TEMP. DRY 9.7, WET , CLOUD. TYPE CS, AMT 04, WEATHER BC

0	9.20	33.248	6.81	0	9.20	33.248	6.81	25.73	226	226	0.0000
10	9.07	33.171	6.64	10	9.07	33.171	6.64	25.69	230	230	0.0228
20	9.14	33.384	6.56	20	9.14	33.384	6.56	25.85	215	215	0.0451
30	9.37	33.575	6.34	30	9.37	33.575	6.34	25.96	205	205	0.0662
50	10.18	33.937	6.16	50	10.18	33.937	6.16	26.11	191	191	0.1059
84	10.15	33.976	6.31	75	10.15	33.965	6.27	26.13	188	189	0.1537

JEONBUK 868 , STATION 312-10 , 34-05.5. N, 124-24.0. E, APR. 15. 1987, 21:10 KST,
 DEPTH 80 , COLOR , TRANS. , WAVE NW 1, SWELL NW 1, WIND NW 1 , BARO 1026. ,
 AIR TEMP. DRY 8.6, WET , CLOUD. TYPE CS, AMT 03, WEATHER BC

0	9.03	32.903	6.96	0	9.03	32.903	6.96	25.49	249	249	0.0000
10	8.90	32.926	6.86	10	8.90	32.926	6.86	25.53	246	246	0.0247

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

20	8.95	33.237	6.81	20	8.95	33.237	6.81	25.76	223	223	0.0482
30	9.05	33.346	6.66	30	9.05	33.346	6.66	25.83	217	217	0.0703
50	10.09	33.719	6.16	50	10.09	33.719	6.16	25.95	205	206	0.1127
78	10.08	33.727	6.36	75	10.08	33.726	6.33	25.96	205	206	0.1644

6月(June)

JEONBUK 868 , STATION 312-02 , 33-58.5. N, 126-06.0. E, JUN. 12, 1987, 02:10 KST,
 DEPTH 85 , COLOR , TRANS. , WAVE E 1, SWELL E 1, WIND E 2 , BARO 1015. ,
 AIR TEMP. DRY 15.2, WET , CLOUD. TYPE CI, AMT 05, WEATHER BC

0	17.09	32.368	6.40	0	17.09	32.368	6.40	23.49	440	439	0.0000
10	14.26	32.426	5.97	10	14.26	32.426	5.97	24.16	376	376	0.0408
20	13.18	32.488	6.40	20	13.18	32.488	6.40	24.43	350	350	0.0771
30	12.12	32.775	5.12	30	12.12	32.775	5.12	24.86	310	310	0.1102
50	11.55	33.058	6.27	50	11.55	33.058	6.27	25.18	279	280	0.1692
75	11.40	33.104	5.97	75	11.40	33.104	5.97	25.24	273	274	0.2386
83	11.04	33.353	6.07								

JEONBUK 868 , STATION 312-03 , 33-59.8. N, 125-54.0. E, JUN. 12, 1987, 00:35 KST,
 DEPTH 73 , COLOR , TRANS. , WAVE E 1, SWELL E 1, WIND E 2 , BARO 1016. ,
 AIR TEMP. DRY 16.7, WET , CLOUD. TYPE CI, AMT 04, WEATHER BC

0	16.60	32.612	6.47	0	16.60	32.612	6.47	23.79	411	411	0.0000
10	14.27	32.748	6.02	10	14.27	32.748	6.02	24.41	352	352	0.0381
20	12.91	32.775	5.94	20	12.91	32.775	5.94	24.70	324	324	0.0720
30	12.09	32.794	6.21	30	12.09	32.794	6.21	24.88	308	308	0.1037
50	11.33	33.012	6.17	50	11.33	33.012	6.17	25.19	278	279	0.1625
71	10.97	33.381	6.18								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

JEONBUK 868 , STATION 312-04 , 34-01.3. N, 125-42.0. E, JUN. 11. 1987, 23:05 KST,
 DEPTH 83 , COLOR , TRANS. , WAVE E 1, SWELL E 1, WIND E 2 , BARO 1016. ,
 AIR TEMP. DRY 19.0, WET , CLOUD. TYPE CI, AMT 04, WEATHER BC

0	18.57	32.604	6.04	0	18.57	32.604	6.04	23.32	456	456	0.0000
10	16.30	33.050	5.77	10	16.30	33.050	5.77	24.20	372	372	0.0414
20	14.98	33.062	5.87	20	14.98	33.062	5.87	24.50	344	344	0.0773
30	12.53	33.233	6.45	30	12.53	33.233	6.45	25.13	283	284	0.1087
50	11.08	33.385	6.32	50	11.08	33.385	6.32	25.52	247	247	0.1619
75	10.85	33.486	5.98	75	10.85	33.486	5.98	25.64	235	236	0.2225
81	10.96	33.556	6.25								

JEONBUK 868 , STATION 312-05 , 34-02.6. N, 125-30.0. E, JUN. 11. 1987, 21:30 KST,
 DEPTH 92 , COLOR , TRANS. , WAVE E 1, SWELL E 1, WIND E 2 , BARO 1016. ,
 AIR TEMP. DRY 18.9, WET , CLOUD. TYPE CI, AMT 05, WEATHER BC

0	18.18	32.694	6.22	0	18.18	32.694	6.22	23.48	441	440	0.0000
10	16.98	32.880	6.01	10	16.98	32.880	6.01	23.91	400	400	0.0420
20	13.19	33.039	5.89	20	13.19	33.039	5.89	24.85	310	310	0.0776
30	11.50	33.276	6.12	30	11.50	33.276	6.12	25.36	262	262	0.1062
50	11.28	33.396	5.98	50	11.28	33.396	5.98	25.49	249	250	0.1575
75	10.77	33.513	5.87	75	10.77	33.513	5.87	25.67	232	233	0.2180
90	10.84	33.540	5.97								

JEONBUK 868 , STATION 312-06 , 34-04.1. N, 125-18.0. E, JUN. 11. 1987, 19:55 KST,
 DEPTH 103 , COLOR , TRANS. , WAVE E 1, SWELL E 1, WIND E 2 , BARO 1016.5,
 AIR TEMP. DRY 18.9, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	18.11	32.756	6.11	0	18.11	32.756	6.11	23.55	435	434	0.0000
10	17.02	33.120	6.12	10	17.02	33.120	6.12	24.08	383	383	0.0409

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
20	14.00	33.035	6.02	20	14.00	33.035	6.02	24.69	326	326	0.0764
30	12.19	33.237	5.99	30	12.19	33.237	5.99	25.20	277	277	0.1066
50	11.31	33.419	6.05	50	11.31	33.419	6.05	25.51	248	249	0.1593
75	11.08	33.548	6.00	75	11.08	33.548	6.00	25.65	234	236	0.2200
101	11.08	33.665	6.17	100	11.08	33.660	6.16	25.73	226	228	0.2781

JEONBUK 868 , STATION 312-07 , 34-05.5. N, 125-00.0. E, JUN. 11. 1987, 17:50 KST,
 DEPTH 90 , COLOR 3, TRANS. 16.0, WAVE NE 1, SWELL NE 1, WIND NE 2 , BARO 1016.5,
 AIR TEMP. DRY 19.0, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	18.68	32.895	5.91	0	18.68	32.895	5.91	23.51	438	438	0.0000
10	17.19	33.101	5.99	10	17.19	33.101	5.99	24.03	388	388	0.0413
20	13.88	33.217	6.11	20	13.88	33.217	6.11	24.85	310	310	0.0763
30	10.81	33.323	6.12	30	10.81	33.323	6.12	25.52	247	247	0.1042
50	10.33	33.400	5.92	50	10.33	33.400	5.92	25.66	233	234	0.1524
75	10.21	33.528	5.68	75	10.21	33.528	5.68	25.78	221	223	0.2095
88	10.31	33.544	6.02								

JEONBUK 868 , STATION 312-08 , 34-05.5. N, 124-48.0. E, JUN. 11. 1987, 16:20 KST,
 DEPTH 92 , COLOR 3, TRANS. 16.0, WAVE E 1, SWELL E 1, WIND E 1 , BARO 1017. ,
 AIR TEMP. DRY 19.6, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	18.38	33.124	5.79	0	18.38	33.124	5.79	23.76	414	414	0.0000
10	17.48	33.050	6.03	10	17.48	33.050	6.03	23.92	399	399	0.0406
20	13.42	33.186	5.92	20	13.42	33.186	5.92	24.92	304	304	0.0758
30	11.29	33.392	5.97	30	11.29	33.392	5.97	25.49	250	250	0.1035
50	10.38	33.458	5.98	50	10.38	33.458	5.98	25.70	229	230	0.1516
75	10.18	33.517	5.59	75	10.18	33.517	5.59	25.78	222	223	0.2084
90	10.26	33.556	5.82								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

JEONBUK 868 , STATION 312-09 , 34-05.5. N, 124-36.0. E, JUN. 11, 1987, 14:45 KST,
 DEPTH 86 , COLOR 3, TRANS. 15.0, WAVE E 1, SWELL E 1, WIND E 1 , BARO 1017. ,
 AIR TEMP. DRY 19.8, WET , CLOUD, TYPE CI, AMT 02, WEATHER B

0	18.60	33.217	5.87	0	18.60	33.217	5.87	23.78	413	412	0.0000
10	17.26	33.258	5.89	10	17.26	33.258	5.89	24.13	379	379	0.0395
20	11.94	33.451	6.29	20	11.94	33.451	6.29	25.41	257	257	0.0714
30	11.29	33.532	5.87	30	11.29	33.532	5.87	25.60	239	240	0.0962
50	10.17	33.575	5.65	50	10.17	33.575	5.65	25.83	217	218	0.1421
75	10.24	33.544	6.12	75	10.24	33.544	6.12	25.79	221	222	0.1972
84	10.19	33.528	5.64								

JEONBUK 868 , STATION 312-10 , 34-05.5. N, 124-24.0. E, JUN. 11, 1987, 13:15 KST,
 DEPTH 81 , COLOR 3, TRANS. 17.0, WAVE E 1, SWELL E 1, WIND E 1 , BARO 1017.5,
 AIR TEMP. DRY 19.9, WET , CLOUD, TYPE , AMT 00, WEATHER B

0	18.15	33.081	6.29	0	18.15	33.081	6.29	23.78	412	412	0.0000
10	17.08	33.233	6.08	10	17.08	33.233	6.08	24.16	376	376	0.0394
20	13.21	33.653	6.39	20	13.21	33.653	6.39	25.32	265	265	0.0715
30	11.02	33.665	6.55	30	11.02	33.665	6.55	25.75	225	225	0.0961
50	10.54	33.742	6.09	50	10.54	33.742	6.09	25.89	211	212	0.1399
75	10.51	33.781	5.97	75	10.51	33.781	5.97	25.93	208	209	0.1926
79	10.47	33.750	5.81								

8月(August)

JEONBUK 868 , STATION 312-02 , 33-58.5. N, 126-06.0. E, AUG. 13, 1987, 02:00 KST,
 DEPTH 86 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 2 , BARO 1017.5,
 AIR TEMP. DRY 23.3, WET , CLOUD, TYPE CI, AMT 04, WEATHER BC

0	24.61	30.745	5.26	0	24.61	30.745	5.26	20.27	748	748	0.0000
10	21.29	31.349	5.44	10	21.29	31.349	5.44	21.66	615	615	0.0681

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	O2	DEPTH	TEMP	SAL	O2	SIGMA-T	D-T	SVA	D-DY

20	17.20	32.480	5.54	20	17.20	32.480	5.54	23.55	434	434	0.1206
30	15.83	32.620	5.35	30	15.83	32.620	5.35	23.97	394	394	0.1621
50	12.93	33.248	5.23	50	12.93	33.248	5.23	25.07	290	291	0.2307
75	12.31	33.505	5.26	75	12.31	33.505	5.26	25.39	259	261	0.2998
84	12.31	33.606	5.23								

JEONBUK 868 , STATION 312-03 , 33-59.8. N, 125-54.0. E, AUG.13, 1987, 00:20 KST,
 DEPTH 73 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1018. ,
 AIR TEMP, DRY 23.3, WET , CLOUD, TYPE CI, AMT 07, WEATHER BC

0	24.80	30.652	5.23	0	24.80	30.652	5.23	20.14	761	760	0.0000
10	19.51	32.074	5.43	10	19.51	32.074	5.43	22.68	518	518	0.0639
20	16.31	32.849	5.59	20	16.31	32.849	5.59	24.04	387	388	0.1092
30	15.43	32.949	5.48	30	15.43	32.949	5.48	24.31	361	362	0.1467
50	13.74	33.147	5.39	50	13.74	33.147	5.39	24.83	313	314	0.2143
71	12.44	33.400	5.25								

JEONBUK 868 , STATION 312-04 , 34-01.3. N, 125-42.0. E, AUG.12, 1987, 22:45 KST,
 DEPTH 83 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1018.5,
 AIR TEMP, DRY 22.7, WET , CLOUD, TYPE CI, AMT 06, WEATHER BC

0	24.95	30.722	5.26	0	24.95	30.722	5.26	20.15	760	759	0.0000
10	22.65	31.333	5.35	10	22.65	31.333	5.35	21.28	652	652	0.0706
20	17.97	32.465	5.64	20	17.97	32.465	5.64	23.36	453	453	0.1258
30	14.39	33.058	5.49	30	14.39	33.058	5.49	24.62	332	332	0.1652
50	13.37	33.248	5.44	50	13.37	33.248	5.44	24.98	299	299	0.2284
75	12.48	33.377	5.34	75	12.48	33.377	5.34	25.25	272	273	0.3000
81	12.10	33.470	5.24								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

JEONBUK 868 , STATION 312-05 , 34-02.6. N, 125-30.0. E, AUG.12.1987, 21:05 KST,
 DEPTH 91, COLOR , TRANS. , WAVE NE 1, SWELL NE 1, WIND NE 3 , BARO 1018.5,
 AIR TEMP. DRY 22.6, WET , CLOUD, TYPE CI, AMT 05, WEATHER BC

0	23.69	31.183	5.35	0	23.69	31.183	5.35	20.87	691	691	0.0000
10	17.40	32.624	5.53	10	17.40	32.624	5.53	23.62	428	428	0.0559
20	14.30	33.074	5.24	20	14.30	33.074	5.24	24.65	329	329	0.0938
30	13.50	33.190	5.33	30	13.50	33.190	5.33	24.91	305	305	0.1256
50	12.37	33.427	5.24	50	12.37	33.427	5.24	25.31	266	267	0.1829
75	11.43	33.591	5.33	75	11.43	33.591	5.33	25.62	237	239	0.2463
89	11.34	33.579	5.24								

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JEONBUK 868 , STATION 312-06 , 34-04.1. N, 125-18.0. E, AUG.12.1987, 19:25 KST,
 DEPTH 102, COLOR , TRANS. , WAVE NE 1, SWELL NE 1, WIND NE 3 , BARO 1018. ,
 AIR TEMP. DRY 23.4, WET , CLOUD, TYPE CI, AMT 04, WEATHER BC

0	23.59	31.457	5.33	0	23.59	31.457	5.33	21.10	668	668	0.0000
10	18.00	32.546	5.52	10	18.00	32.546	5.52	23.41	447	447	0.0558
20	16.86	32.736	5.56	20	16.86	32.736	5.56	23.83	408	408	0.0986
30	15.07	32.969	5.64	30	15.07	32.969	5.64	24.41	352	353	0.1367
50	13.11	33.260	5.38	50	13.11	33.260	5.38	25.04	292	293	0.2014
75	10.90	33.552	5.34	75	10.90	33.552	5.34	25.68	231	232	0.2672
100	10.88	33.661	5.20	100	10.88	33.661	5.20	25.77	223	225	0.3244

JEONBUK 868 , STATION 312-07 , 34-05.5. N, 125-00.0. E, AUG.12.1987, 17:10 KST,
 DEPTH 90, COLOR 3, TRANS. 16.0, WAVE SE 1, SWELL SE 1, WIND SE 2 , BARO 1018.5,
 AIR TEMP. DRY 26.1, WET , CLOUD, TYPE CI, AMT 03, WEATHER BC

0	23.50	31.268	5.23	0	23.50	31.268	5.23	20.99	680	679	0.0000
10	18.07	32.302	5.42	10	18.07	32.302	5.42	23.21	467	467	0.0573

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

20	15.50	33.140	5.63	20	15.50	33.140	5.63	24.45	349	349	0.0981
30	13.40	33.217	5.63	30	13.40	33.217	5.63	24.95	301	301	0.1307
50	13.21	33.260	5.52	50	13.21	33.260	5.52	25.02	294	295	0.1904
75	11.87	33.412	5.33	75	11.87	33.412	5.33	25.40	258	260	0.2599
88	10.88	33.583	5.28								

JEONBUK 868 , STATION 312-08 , 34-05.5. N, 124-48.0. E, AUG. 12, 1987, 15:35 KST.
 DEPTH 92 , COLOR 3, TRANS. 20.0, WAVE SE 1, SWELL SE 1, WIND SE 2 , BARO 1020. ,
 AIR TEMP. DRY 26.0, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	24.41	30.818	5.16	0	24.41	30.818	5.16	20.38	737	737	0.0000
10	19.96	31.784	5.39	10	19.96	31.784	5.39	22.34	550	550	0.0643
20	16.54	32.585	5.67	20	16.54	32.585	5.67	23.79	412	412	0.1125
30	14.50	32.930	5.79	30	14.50	32.930	5.79	24.50	344	344	0.1503
50	12.19	33.338	5.67	50	12.19	33.338	5.67	25.28	269	270	0.2118
75	10.71	33.505	5.44	75	10.71	33.505	5.44	25.68	231	233	0.2748
90	10.38	33.552	5.38								

JEONBUK 868 , STATION 312-09 , 34-05.5. N, 124-36.0. E, AUG. 12, 1987, 13:55 KST.
 DEPTH 88 , COLOR 3, TRANS. 18.0, WAVE SE 1, SWELL SE 1, WIND SE 2 , BARO 1020. ,
 AIR TEMP. DRY 25.7, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	24.66	30.852	5.15	0	24.66	30.852	5.15	20.33	742	742	0.0000
10	20.90	31.858	5.37	10	20.90	31.858	5.37	22.15	568	568	0.0655
20	16.00	32.864	5.53	20	16.00	32.864	5.53	24.12	380	380	0.1129
30	14.60	33.147	5.76	30	14.60	33.147	5.76	24.65	330	330	0.1485
50	12.38	33.307	5.62	50	12.38	33.307	5.62	25.22	275	276	0.2092
75	10.45	33.606	5.63	75	10.45	33.606	5.63	25.80	220	221	0.2714
86	10.38	33.595	5.49								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

JEONBUK 868 , STATION 312-10 , 34-05.5. N, 124-24.0. E, AUG.12.1987, 12:20 KST,
 DEPTH 81 , COLOR 3, TRANS. 19.0, WAVE SE 1, SWELL SE 1, WIND SE 2 , BARO 1020. ,
 AIR TEMP. DRY 24.5, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	24.66	30.710	5.23	0	24.66	30.710	5.23	20.23	752	752	0.0000
10	24.00	30.806	5.44	10	24.00	30.806	5.44	20.49	727	727	0.0739
20	18.01	32.152	5.62	20	18.01	32.152	5.62	23.11	476	477	0.1342
30	16.08	32.624	5.82	30	16.08	32.624	5.82	23.92	399	399	0.1780
50	12.72	33.233	5.53	50	12.72	33.233	5.53	25.10	287	288	0.2468
75	10.28	33.653	5.25	75	10.28	33.653	5.25	25.87	213	215	0.3097
79	10.05	33.672	5.10								

10月(October)

JEONBUK 868 , STATION 312-02 , 33-58.5. N, 126-06.0. E, OCT.24.1987, 03:00 KST,
 DEPTH 86 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1029. ,
 AIR TEMP. DRY 17.0, WET , CLOUD. TYPE AS, AMT 09, WEATHER C

0	18.52	31.985	5.63	0	18.52	31.985	5.63	22.86	500	500	0.0000
10	17.92	31.912	5.67	10	17.92	31.912	5.67	22.95	492	492	0.0496
20	17.90	32.384	5.78	20	17.90	32.384	5.78	23.31	457	457	0.0971
30	16.89	32.612	5.42	30	16.89	32.612	5.42	23.73	417	418	0.1409
50	15.89	32.610	5.21	50	15.89	32.610	5.21	23.95	396	397	0.2225
75	13.33	32.546	5.06	75	13.33	32.546	5.06	24.45	349	350	0.3160
84	12.76	33.370	6.10								

JEONBUK 868 , STATION 312-03 , 33-59.8. N, 125-54.0. E, OCT.24.1987, 01:25 KST,
 DEPTH 72 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1029. ,
 AIR TEMP. DRY 17.0, WET , CLOUD. TYPE AS, AMT 09, WEATHER C

0	18.62	31.916	5.77	0	18.62	31.916	5.77	22.78	508	507	0.0000
10	18.60	31.823	5.68	10	18.60	31.823	5.68	22.71	514	514	0.0511

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

20	17.63	32.295	5.68	20	17.63	32.295	5.68	23.31	457	457	0.0997
30	16.95	32.484	5.43	30	16.95	32.484	5.43	23.61	428	429	0.1440
50	16.32	32.604	5.27	50	16.32	32.604	5.27	23.85	405	407	0.2277
70	13.20	33.217	5.38								

JEONBUK 868 , STATION 312-04 , 34-01.3. N, 125-42.0. E, OCT. 23, 1987, 23:55 KST,
 DEPTH 84 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1030. ,
 AIR TEMP. DRY 17.0, WET , CLOUD, TYPE AS, AMT 08, WEATHER C

0	19.40	31.514	5.73	0	19.40	31.514	5.73	22.28	556	555	0.0000
10	19.22	31.535	5.80	10	19.22	31.535	5.80	22.34	550	550	0.0553
20	18.00	31.680	5.75	20	18.00	31.680	5.75	22.75	510	511	0.1083
30	16.60	32.527	5.39	30	16.60	32.527	5.39	23.73	417	418	0.1548
50	15.31	32.829	5.34	50	15.31	32.829	5.34	24.25	368	369	0.2335
75	12.56	33.210	5.25	75	12.56	33.210	5.25	25.11	286	287	0.3156
82	12.55	33.318	5.02								

JEONBUK 868 , STATION 312-05 , 34-02.6. N, 125-30.0. E, OCT. 23, 1987, 22:15 KST,
 DEPTH 92 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1030. ,
 AIR TEMP. DRY 16.8, WET , CLOUD, TYPE AS, AMT 07, WEATHER BC

0	19.40	31.777	5.67	0	19.40	31.777	5.67	22.48	536	536	0.0000
10	19.20	31.788	5.80	10	19.20	31.788	5.80	22.54	531	531	0.0534
20	18.11	31.895	5.62	20	18.11	31.895	5.62	22.89	497	498	0.1048
30	16.28	*****	5.60	30	16.28	32.039	5.60	23.43	446	446	0.1521
50	15.45	32.329	5.41	50	15.45	32.329	5.41	23.83	407	408	0.2376
75	11.48	33.326	5.29	75	11.48	33.326	5.29	25.40	258	259	0.3211
90	10.78	33.431	4.74								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

JEONBUK 868 , STATION 312-06 , 34-04.1. N, 125-18.0. E, OCT.23.1987, 20:40 KST,
 DEPTH 102, COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1031. ,
 AIR TEMP. DRY 16.5, WET , CLOUD. TYPE AS, AMT 07, WEATHER BC

0	19.43	31.715	5.89	0	19.43	31.715	5.89	22.42	542	541	0.0000
10	19.39	31.958	5.77	10	19.39	31.958	5.77	22.62	523	523	0.0532
20	18.20	32.384	5.56	20	18.20	32.384	5.56	23.24	464	464	0.1026
30	16.35	32.721	5.70	30	16.35	32.721	5.70	23.93	398	398	0.1458
50	14.60	32.872	5.31	50	14.60	32.872	5.31	24.43	350	351	0.2208
75	11.69	33.272	5.24	75	11.69	33.272	5.24	25.32	265	267	0.2981
100	10.91	33.419	4.90	100	10.91	33.419	4.90	25.58	241	243	0.3619

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JEONBUK 868 , STATION 312-07 , 34-05.5. N, 125-00.0. E, OCT.23.1987, 18:20 KST,
 DEPTH 91, COLOR , TRANS. , WAVE NE 3, SWELL NE 1, WIND NE 3 , BARO 1031. ,
 AIR TEMP. DRY 17.4, WET , CLOUD. TYPE AS, AMT 07, WEATHER BC

0	19.75	31.673	5.40	0	19.75	31.673	5.40	22.31	553	552	0.0000
10	19.41	31.414	5.74	10	19.41	31.414	5.74	22.20	563	563	0.0558
20	18.71	31.568	5.86	20	18.71	31.568	5.86	22.49	535	535	0.1107
30	16.25	31.951	5.74	30	16.25	31.951	5.74	23.37	452	452	0.1602
50	12.79	33.023	5.50	50	12.79	33.023	5.50	24.92	304	304	0.2359
75	10.21	33.610	5.18	75	10.21	33.610	5.18	25.85	215	217	0.3012
89	10.20	33.528	4.96								

JEONBUK 868 , STATION 312-08 , 34-05.5. N, 124-48.0. E, OCT.23.1987, 16:45 KST,
 DEPTH 92, COLOR 3, TRANS. 16.0, WAVE NE 3, SWELL NE 1, WIND NE 3 , BARO 1032. ,
 AIR TEMP. DRY 15.4, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	19.80	31.507	5.61	0	19.80	31.507	5.61	22.17	566	566	0.0000
10	19.02	31.514	5.83	10	19.02	31.514	5.83	22.38	546	546	0.0556

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

20	18.26	31.854	5.46	20	18.26	31.854	5.46	22.82	504	504	0.1082
30	16.47	32.090	5.68	30	16.47	32.090	5.68	23.42	446	447	0.1558
50	11.20	33.287	5.32	50	11.20	33.287	5.32	25.42	256	257	0.2262
75	10.31	33.427	4.83	75	10.31	33.427	4.83	25.69	231	232	0.2874
90	10.31	33.384	4.84								

JEONBUK 868 , STATION 312-09 , 34-05.5. N, 124-36.0. E, OCT. 23. 1987, 15:10 KST,
 DEPTH 86 , COLOR 3, TRANS. 15.0, WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1032. ,
 AIR TEMP. DRY 15.3, WET , CLOUD, TYPE CI, AMT 02, WEATHER B

0	19.90	32.055	5.70	0	19.90	32.055	5.70	22.56	529	528	0.0000
10	19.70	31.912	5.88	10	19.70	31.912	5.88	22.51	534	534	0.0531
20	18.64	32.094	5.60	20	18.64	32.094	5.60	22.91	495	496	0.1046
30	16.44	32.140	5.69	30	16.44	32.140	5.69	23.47	442	442	0.1516
50	10.96	33.217	5.55	50	10.96	33.217	5.55	25.41	257	258	0.2217
75	10.39	33.307	5.40	75	10.39	33.307	5.40	25.58	241	242	0.2843
84	10.31	33.408	5.08								

JEONBUK 868 , STATION 312-10 , 34-05.5. N, 124-24.0. E, OCT. 23. 1987, 13:35 KST,
 DEPTH 80 , COLOR 3, TRANS. 18.0, WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1032. ,
 AIR TEMP. DRY 16.8, WET , CLOUD, TYPE CI, AMT 02, WEATHER B

0	19.80	31.460	5.90	0	19.80	31.460	5.90	22.14	569	569	0.0000
10	19.35	31.607	6.21	10	19.35	31.607	6.21	22.36	548	548	0.0558
20	19.15	31.873	5.99	20	19.15	31.873	5.99	22.62	523	524	0.1094
30	16.54	32.121	5.98	30	16.54	32.121	5.98	23.43	446	446	0.1580
50	10.47	33.217	5.62	50	10.47	33.217	5.62	25.50	249	249	0.2276
78	10.18	33.260	5.49	75	10.21	33.255	5.50	25.57	242	243	0.2893

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

12月(December)

JEONBUK 868 , STATION 312-02 , 33-58.5. N, 126-06.0. E, DEC. 9.1987, 16:00 KST,
 DEPTH 86 , COLOR 4, TRANS. 1.5, WAVE NW 1, SWELL NW 1, WIND NW 2 , BARO 1030. ,
 AIR TEMP. DRY 11.5, WET , CLOUD. TYPE AS, AMT 02, WEATHER B

0	12.50	32.434	6.10	0	12.50	32.434	6.10	24.52	342	341	0.0000
10	12.11	32.442	6.16	10	12.11	32.442	6.16	24.60	334	334	0.0338
20	12.29	32.450	6.03	20	12.29	32.450	6.03	24.57	337	337	0.0674
30	12.30	32.442	5.96	30	12.30	32.442	5.96	24.56	337	338	0.1011
50	12.25	32.484	5.76	50	12.25	32.484	5.76	24.61	333	334	0.1684
75	12.48	32.484	5.60	75	12.48	32.484	5.60	24.56	338	339	0.2527
84	12.44	32.570	5.73								

JEONBUK 868 , STATION 312-03 , 33-59.8. N, 125-54.0. E, DEC. 9.1987, 17:30 KST,
 DEPTH 73 , COLOR 4, TRANS. 2.0, WAVE NW 1, SWELL NW 1, WIND NW 2 , BARO 1030. ,
 AIR TEMP. DRY 12.4, WET , CLOUD. TYPE AS, AMT 04, WEATHER BC

0	13.03	32.554	6.10	0	13.03	32.554	6.10	24.51	343	342	0.0000
10	12.14	32.523	6.23	10	12.14	32.523	6.23	24.66	329	329	0.0335
20	12.51	32.551	5.90	20	12.51	32.551	5.90	24.61	333	333	0.0667
30	12.48	32.593	5.99	30	12.48	32.593	5.99	24.65	330	330	0.0999
50	12.40	32.546	5.86	50	12.40	32.546	5.86	24.63	332	332	0.1662
71	12.41	32.686	5.61								

JEONBUK 868 , STATION 312-04 , 34-01.3. N, 125-42.0. E, DEC. 9.1987, 19:05 KST,
 DEPTH 84 , COLOR , TRANS. , WAVE NW 1, SWELL NW 1, WIND NW 1 , BARO 1029. ,
 AIR TEMP. DRY 13.5, WET , CLOUD. TYPE AS, AMT 03, WEATHER BC

0	12.60	32.434	6.13	0	12.60	32.434	6.13	24.50	343	343	0.0000
10	12.13	32.368	6.03	10	12.13	32.368	6.03	24.54	340	340	0.0341

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
20	12.33	32.430	6.10	20	12.33	32.430	6.10	24.55	339	339	0.0681
30	12.68	32.527	6.01	30	12.68	32.527	6.01	24.56	338	338	0.1021
50	12.70	32.508	5.90	50	12.70	32.508	5.90	24.54	340	341	0.1701
75	12.89	32.620	5.53	75	12.89	32.620	5.53	24.59	335	337	0.2548
82	13.18	32.915	5.78								

JEONBUK 868 , STATION 312-05 , 34-02.6. N, 125-30.0. E, DEC. 9, 1987, 20:35 KST,
 DEPTH 92 , COLOR , TRANS. , WAVE NW 1, SWELL NW 1, WIND NW 1 , BARO 1030. ,
 AIR TEMP. DRY 11.5, WET , CLOUD, TYPE AS, AMT 03, WEATHER BC

0	13.70	32.760	6.13	0	13.70	32.760	6.13	24.54	340	340	0.0000
10	13.59	32.748	6.03	10	13.59	32.748	6.03	24.55	339	339	0.0339
20	13.28	32.810	6.18	20	13.28	32.810	6.18	24.66	329	329	0.0674
30	13.05	33.241	6.09	30	13.05	33.241	6.09	25.04	292	293	0.0985
50	14.30	33.249	5.95	50	14.30	33.249	5.95	24.79	316	317	0.1596
75	14.35	33.241	5.73	75	14.35	33.241	5.73	24.77	318	319	0.2393
90	14.41	33.307	5.30								

JEONBUK 868 , STATION 312-06 , 34-04.1. N, 125-18.0. E, DEC. 9, 1987, 22:10 KST,
 DEPTH 103 , COLOR , TRANS. , WAVE NW 1, SWELL NW 1, WIND NW 1 , BARO 1029. ,
 AIR TEMP. DRY 9.7, WET , CLOUD, TYPE AS, AMT 02, WEATHER B

0	13.99	32.915	6.20	0	13.99	32.915	6.20	24.60	335	334	0.0000
10	13.92	32.701	6.18	10	13.92	32.701	6.18	24.45	349	349	0.0342
20	13.82	32.763	5.98	20	13.82	32.763	5.98	24.51	342	343	0.0688
30	13.78	32.763	5.91	30	13.78	32.763	5.91	24.52	342	342	0.1030
50	13.50	32.829	5.86	50	13.50	32.829	5.86	24.63	331	332	0.1706
75	14.00	33.225	5.48	75	14.00	33.225	5.48	24.83	312	314	0.2514
100	14.31	33.349	5.10	100	14.31	33.349	5.10	24.86	309	311	0.3296

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

JEONBUK 868 , STATION 312-07 , 34-05.5. N, 125-00.0. E, DEC.10.1987, 00:25 KST,
 DEPTH 91 , COLOR , TRANS. , WAVE NW 1, SWELL NW 1, WIND NW 1 , BARO 1029. ,
 AIR TEMP. DRY 9.5, WET , CLOUD, TYPE AS, AMT 03, WEATHER BC

0	13.43	32.566	6.33	0	13.43	32.566	6.33	24.44	349	0.0000
10	13.40	32.508	6.20	10	13.40	32.508	6.20	24.40	353	0.0351
20	13.39	32.480	6.00	20	13.39	32.480	6.00	24.38	355	0.0705
30	14.49	32.953	5.96	30	14.49	32.953	5.96	24.52	342	0.1054
50	13.77	32.899	5.73	50	13.77	32.899	5.73	24.63	331	0.1730
75	13.89	33.093	5.58	75	13.89	33.093	5.58	24.75	319	0.2548
89	14.00	33.167	5.34							

JEONBUK 868 , STATION 312-08 , 34-05.5. N, 124-48.0. E, DEC.10.1987, 02:00 KST,
 DEPTH 92 , COLOR , TRANS. , WAVE NW 1, SWELL NW 1, WIND NW 1 , BARO 1028.5,
 AIR TEMP. DRY 9.7, WET , CLOUD, TYPE AS, AMT 04, WEATHER BC

0	13.26	32.446	6.20	0	13.26	32.446	6.20	24.38	355	0.0000
10	13.27	32.418	6.03	10	13.27	32.418	6.03	24.36	357	0.0356
20	13.31	32.426	6.13	20	13.31	32.426	6.13	24.36	357	0.0714
30	13.40	32.500	6.00	30	13.40	32.500	6.00	24.40	354	0.1070
50	13.77	32.725	5.90	50	13.77	32.725	5.90	24.49	345	0.1770
75	14.26	33.151	5.70	75	14.26	33.151	5.70	24.72	323	0.2608
90	13.67	33.089	5.64							

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

JEONBUK 868 , STATION 312-09 , 34-05.5. N, 124-36.0. E, DEC. 10. 1987, 03:30 KST,
 DEPTH 86 , COLOR , TRANS. , WAVE NW 1, SWELL NW 1, WIND NW 2 , BARO 1028.5,
 AIR TEMP. DRY 9.6, WET , CLOUD. TYPE AS, AMT 04, WEATHER BC

0	12.90	32.155	6.30	0	12.90	32.155	6.30	24.23	370	369	0.0000
10	13.25	32.152	6.09	10	13.25	32.152	6.09	24.16	376	376	0.0373
20	13.04	32.202	6.01	20	13.04	32.202	6.01	24.24	369	369	0.0746
30	13.06	32.202	6.11	30	13.06	32.202	6.11	24.23	369	369	0.1115
50	13.29	32.442	5.68	50	13.29	32.442	5.68	24.37	356	357	0.1842
75	12.90	33.012	5.58	75	12.90	33.012	5.58	24.89	306	308	0.2674
84	11.91	33.081	5.58								

JEONBUK 868 , STATION 312-10 , 34-05.5. N, 124-24.0. E, DEC. 10. 1987, 05:05 KST,
 DEPTH 80 , COLOR , TRANS. , WAVE NW 1, SWELL NW 1, WIND NW 2 , BARO 1028. ,
 AIR TEMP. DRY 10.2, WET , CLOUD. TYPE AS, AMT 04, WEATHER BC

0	13.05	32.140	6.18	0	13.05	32.140	6.18	24.19	373	373	0.0000
10	13.06	32.074	6.01	10	13.06	32.074	6.01	24.13	378	378	0.0376
20	13.12	32.213	6.10	20	13.12	32.213	6.10	24.23	369	370	0.0750
30	13.20	32.182	5.96	30	13.20	32.182	5.96	24.19	373	374	0.1122
50	13.70	32.457	5.68	50	13.70	32.457	5.68	24.30	362	363	0.1860
78	12.62	32.868	5.60	75	12.73	32.823	5.60	24.78	317	319	0.2714

第三編

韓日共同海洋觀測成績 (400線)

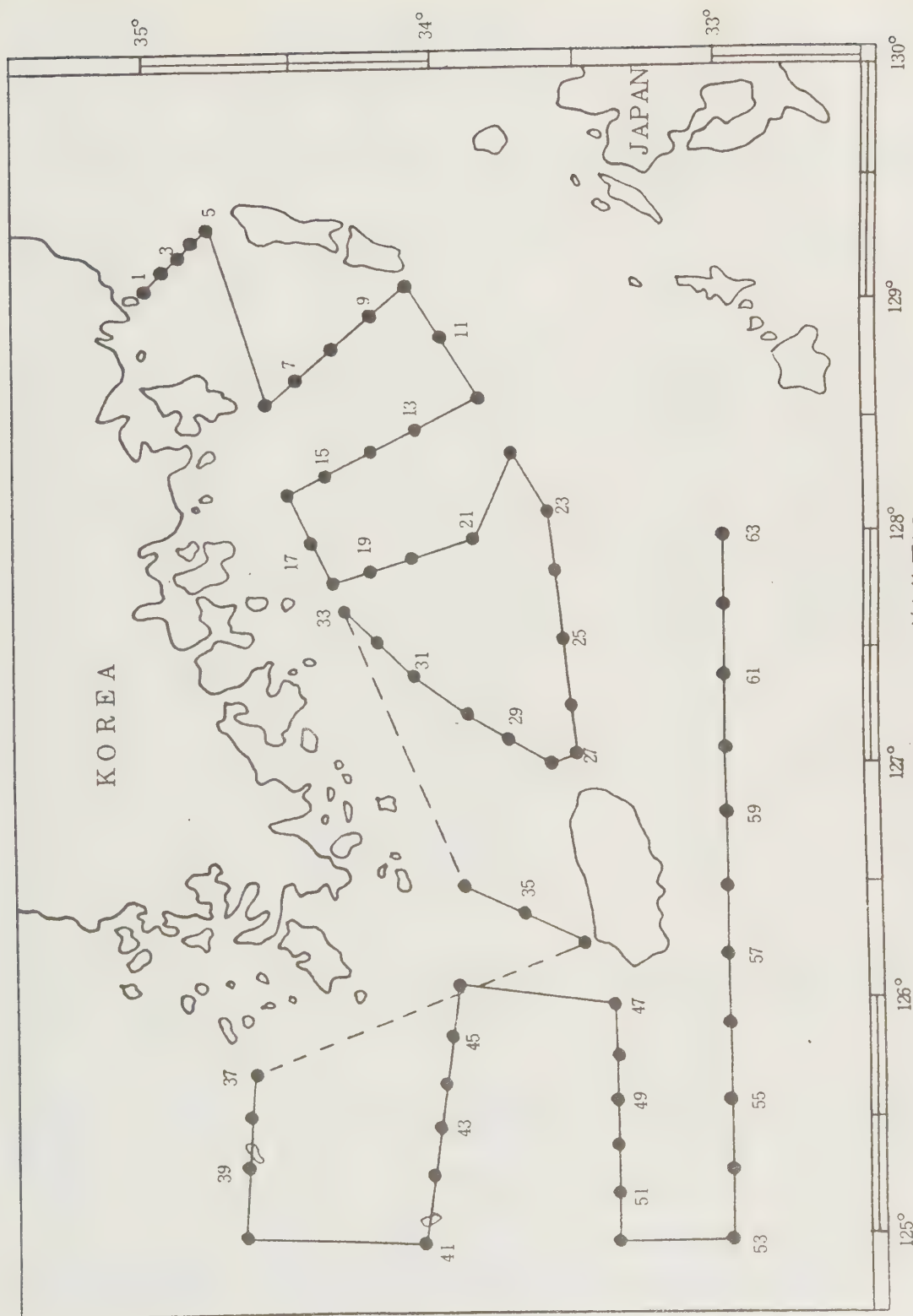
(水温, 鹽分, 酸素 및 氣象觀測資料)

PART 3

KOREA-JAPAN COOPERATIVE OCEANOGRAPHIC DATA (Line 400)

(Temperature, Salinity, Oxygen and Meteorological Data)

1 9 8 7



韓日共同海洋觀測點(400 線)位置圖

Location of the Korea-Japan cooperative oceanographic stations (Line 400).

韓日共同海洋觀測點(400線)位置表

Position of the Korea-Japan cooperative oceanographic stations (Line 400)

St. No.	Latitude (N)	Longitude (E)	Serial Ocean. St. No.	St. No.	Latitude (N)	Longitude (E)	Serial Ocean. St. No.
01	35° 01.3'	129° 07.2'	207 / 01	33	34° 20.8'	127° 43.9'	204 / 01
02	34° 57.6'	129° 11.2'	02	34	33° 56.6'	126° 31.4'	203 / 01
03	34° 53.9'	129° 15.4'	03	35	33° 47.5'	126° 26.3'	02
04	34° 50.2'	129° 19.5'	04	36	33° 38.3'	126° 21.3'	03
05	34° 48.0'	129° 21.8'	05	37	34° 43.0'	125° 43.9'	311 / 04
06	34° 35.5'	128° 34.5'	206 / 01	38	34° 43.0'	125° 31.9'	05
07	34° 22.6'	128° 41.2'	02	39	34° 43.0'	125° 19.4'	06
08	34° 22.4'	128° 49.7'	03	40	34° 43.0'	125° 00.0'	07
09	34° 15.3'	128° 58.0'	04	41	34° 05.5'	125° 00.0'	312 / 07
10	34° 08.1'	129° 06.3'	05	42	34° 04.1'	125° 18.0'	06
11	33° 58.3'	128° 54.0'		43	34° 02.6'	125° 30.0'	05
12	33° 51.7'	128° 39.0'		44	34° 01.3'	125° 42.0'	04
13	34° 04.6'	128° 30.0'		45	33° 59.8'	125° 54.0'	03
14	34° 13.5'	128° 24.0'		46	33° 58.5'	126° 06.0'	02
15	34° 22.2'	128° 18.4'		47	33° 24.4'	126° 00.0'	313 / 02
16	34° 31.0'	128° 12.2'		48	33° 24.4'	125° 48.0'	03
17	34° 27.0'	128° 00.5'		49	33° 24.4'	125° 36.0'	04
18	34° 22.3'	127° 48.5'	205 / 01	50	33° 24.4'	125° 24.0'	05
19	34° 15.0'	127° 52.1'	02	51	33° 24.4'	125° 12.0'	06
20	34° 05.5'	127° 56.9'	03	52	33° 24.4'	125° 00.0'	07
21	33° 51.5'	128° 03.0'	04	53	33° 00.0'	125° 00.0'	314 / 10
22	33° 44.0'	128° 23.9'		54	33° 00.0'	125° 18.0'	09
23	33° 37.3'	128° 09.2'	206 / 05	55	33° 00.0'	125° 36.0'	08
24	33° 35.6'	127° 51.9'		56	33° 00.0'	125° 54.0'	07
25	33° 33.6'	127° 34.0'		57	33° 00.0'	126° 12.0'	06
26	33° 31.7'	127° 16.8'		58	33° 00.0'	126° 30.0'	05
27	33° 30.3'	127° 04.5'		59	33° 00.0'	126° 48.0'	04
28	33° 35.8'	127° 03.2'	204 / 06	60	33° 00.0'	127° 06.0'	03
29	33° 45.5'	127° 09.2'	05	61	33° 00.0'	127° 24.0'	02
30	33° 54.1'	127° 15.2'	04	62	33° 00.0'	127° 42.0'	01
31	34° 06.7'	127° 26.8'	03	63	33° 00.0'	128° 00.0'	00
32	34° 13.7'	127° 35.4'	02				

400 線 海洋觀測 成績 Oceanographic Data. Line 400

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

2 月(February)

BUSAN 852 , STATION 400-11 , 33-58.3. N, 128-54.0. E, FEB. 6, 1987, 18:15 KST,
DEPTH 116 , COLOR , TRANS. , WAVE W 2, SWELL W 1, WIND W 4 , BARO 1015.6,
AIR TEMP. DRY 11.2, WET , CLOUD. TYPE AS, AMT 07, WEATHER BC

0	14.84	34.667	5.85	0	14.84	34.667	5.85	25.76	223	0.0000
11	14.84	34.668	5.80	10	14.84	34.667	5.80	25.76	223	0.0223
19	14.84	34.667	5.65	20	14.81	34.663	5.65	25.77	223	0.0447
30	14.55	34.630	5.65	30	14.55	34.630	5.65	25.80	220	0.0669
50	14.15	34.612	5.85	50	14.15	34.612	5.85	25.87	213	0.1105
74	14.05	34.603	5.80	75	14.01	34.598	5.79	25.89	212	0.1641
100	13.08	34.490	5.75	100	13.08	34.490	5.75	26.00	201	0.2163
111	12.70	34.431	5.75							

BUSAN 852 , STATION 400-12 , 33-51.7. N, 128-39.0. E, FEB. 6, 1987, 20:00 KST,
DEPTH 108 , COLOR , TRANS. , WAVE W 3, SWELL W 1, WIND W 4 , BARO 1016. ,
AIR TEMP. DRY 11.9, WET , CLOUD. TYPE AS, AMT 05, WEATHER BC

0	15.39	34.694	5.65	0	15.39	34.694	5.65	25.66	233	0.0000
9	15.41	34.694	5.50	10	15.41	34.694	5.50	25.66	233	0.0233
20	15.41	34.695	5.50	20	15.41	34.695	5.50	25.66	233	0.0467
31	15.42	34.695	5.55	30	15.41	34.695	5.54	25.66	233	0.0701
50	15.42	34.694	5.60	50	15.42	34.694	5.60	25.66	234	0.1171
75	15.40	34.693	5.60	75	15.40	34.693	5.60	25.66	233	0.1759
99	15.09	34.676	5.55							

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 400-13 , 34-04.6. N, 128-30.0. E, FEB. 6.1987, 15:35 KST,
 DEPTH 94 , COLOR 3, TRANS. 12.5, WAVE W 3, SWELL W 1, WIND W 3 , BARO 1016. ,
 AIR TEMP. DRY 10.0, WET , CLOUD. TYPE AC, AMT 02, WEATHER B

0	14.30	34.630	5.93	0	14.30	34.630	5.93	25.85	215	215	0.0000
11	14.30	34.629	5.83	10	14.30	34.629	5.83	25.85	215	215	0.0215
19	14.24	34.619	5.82	20	14.22	34.616	5.82	25.86	214	215	0.0430
30	14.02	34.592	5.83	30	14.02	34.592	5.83	25.88	212	213	0.0644
50	13.43	34.552	5.94	50	13.43	34.552	5.94	25.97	203	204	0.1063
75	12.60	34.457	5.90	75	12.60	34.457	5.90	26.07	195	196	0.1565
91	12.14	34.427	5.80								

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BUSAN 852 , STATION 400-14 , 34-13.5. N, 128-24.0. E, FEB. 6.1987, 14:15 KST,
 DEPTH 83 , COLOR 3, TRANS. 11.0, WAVE W 3, SWELL W 1, WIND W 4 , BARO 1016. ,
 AIR TEMP. DRY 9.2, WET , CLOUD. TYPE AC, AMT 02, WEATHER B

0	11.29	34.365	6.10	0	11.29	34.365	6.10	26.24	178	178	0.0000
9	11.19	34.361	5.95	10	11.18	34.359	5.94	26.26	176	176	0.0177
21	11.09	34.348	5.90	20	11.09	34.349	5.90	26.27	176	176	0.0353
30	11.09	34.349	5.85	30	11.09	34.349	5.85	26.27	176	176	0.0530
51	11.10	34.351	5.85	50	11.09	34.350	5.85	26.27	176	176	0.0883
75	11.09	34.348	5.80	75	11.09	34.348	5.80	26.27	176	177	0.1326

BUSAN 852 , STATION 400-15 , 34-22.2. N, 128-18.4. E, FEB. 6.1987, 13:00 KST,
 DEPTH 64 , COLOR 4, TRANS. 9.5, WAVE NW 3, SWELL NW 1, WIND NW 4 , BARO 1017.5,
 AIR TEMP. DRY 8.3, WET , CLOUD. TYPE AC, AMT 10, WEATHER C

0	13.17	34.577	5.85	0	13.17	34.577	5.85	26.05	197	196	0.0000
9	13.17	34.580	5.90	10	13.16	34.579	5.89	26.05	196	196	0.0196

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
22	13.10	34.569	5.80	20	13.11	34.570	5.81	26.05	196	196	0.0393
29	12.36	34.468	5.85	30	12.33	34.464	5.84	26.12	189	190	0.0586
52	11.77	34.396	5.70	50	11.82	34.402	5.71	26.17	184	185	0.0962
61	11.47	34.342	*****								
BUSAN 852 , STATION 400-16 , 34-31.0. N, 128-12.2. E, FEB. 6.1987, 10:02 KST, DEPTH 48 , COLOR 4, TRANS. 4.0, WAVE W 4, SWELL W 1, WIND W 4 , BARO 1019. , AIR TEMP. DRY 7.0, WET , CLOUD. TYPE AC, AMT 07, WEATHER BC											
0	12.02	34.243	6.00	0	12.02	34.243	6.00	26.01	200	199	0.0000
11	12.02	34.330	5.92	10	12.02	34.322	5.92	26.07	194	194	0.0197
20	12.02	34.373	5.80	20	12.02	34.373	5.80	26.11	190	190	0.0389
30	12.02	34.400	5.80	30	12.02	34.400	5.80	26.13	188	189	0.0579
46	11.98	34.415	5.75								
BUSAN 852 , STATION 400-17 , 34-27.0. N, 128-00.5. E, FEB. 6.1987, 11:21 KST, DEPTH 42 , COLOR 4, TRANS. 4.5, WAVE NW 3, SWELL NW 1, WIND NW 3 , BARO 1019. , AIR TEMP. DRY 7.0, WET , CLOUD. TYPE AC, AMT 10, WEATHER C											
0	10.54	34.325	6.45	0	10.54	34.325	6.45	26.35	168	168	0.0000
11	10.54	34.332	6.30	10	10.54	34.331	6.31	26.35	168	167	0.0168
20	10.51	34.325	6.35	20	10.51	34.325	6.35	26.35	167	168	0.0336
29	10.42	34.319	6.52	30	10.41	34.318	6.49	26.36	166	167	0.0503
38	10.38	34.313	6.32								
BUSAN 852 , STATION 400-22 , 33-44.3. N, 128-23.9. E, FEB. 6.1987, 21:50 KST, DEPTH 114 , COLOR , TRANS. , WAVE WSW 2, SWELL WSW 1, WIND WSW 4 , BARO 1016.5, AIR TEMP. DRY 11.6, WET , CLOUD. TYPE AS, AMT 02, WEATHER B											
0	15.54	34.707	5.57	0	15.54	34.707	5.57	25.64	235	235	0.0000

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
10	15.55	34.708	5.50	10	15.55	34.708	5.50	25.64	235	235	0.0235
19	15.56	34.707	5.60	20	15.56	34.706	5.59	25.64	236	236	0.0471
30	15.57	34.706	5.55	30	15.57	34.706	5.55	25.63	236	236	0.0708
49	15.57	34.704	5.43	50	15.56	34.703	5.43	25.63	236	237	0.1182
75	15.56	34.702	5.55	75	15.56	34.702	5.55	25.63	236	238	0.1777
100	15.48	34.692	5.35	100	15.48	34.692	5.35	25.64	235	237	0.2372
110	15.49	34.694	5.50								

BUSAN 852 , STATION 400-24 , 33-35.6. N, 127-51.9. E, FEB. 8, 1987, 20:00 KST,
 DEPTH 119 , COLOR , TRANS. , WAVE WSW 2, SWELL WSW 1, WIND WSW 2 , BARO 1021. ,
 AIR TEMP. DRY 12.9, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	16.05	34.729	5.42	0	16.05	34.729	5.42	25.54	244	244	0.0000
10	16.09	34.734	5.60	10	16.09	34.734	5.60	25.54	245	245	0.0245
20	16.09	34.734	5.60	20	16.09	34.734	5.60	25.54	245	245	0.0490
30	16.09	34.735	5.55	30	16.09	34.735	5.55	25.54	245	246	0.0736
51	16.08	34.730	5.50	50	16.08	34.730	5.50	25.54	245	246	0.1229
75	16.01	34.726	5.35	75	16.01	34.726	5.35	25.55	244	246	0.1845
100	15.92	34.716	5.45	100	15.92	34.716	5.45	25.56	243	245	0.2460
116	15.87	34.711	5.30								

BUSAN 852 , STATION 400-25 , 33-33.6. N, 127-34.0. E, FEB. 8, 1987, 18:15 KST,
 DEPTH 107 , COLOR , TRANS. , WAVE W 1, SWELL W 1, WIND W 1 , BARO 1019.8,
 AIR TEMP. DRY 12.6, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	16.26	34.744	5.65	0	16.26	34.744	5.65	25.50	248	248	0.0000
11	16.26	34.745	5.50	10	16.26	34.744	5.51	25.51	248	248	0.0248
20	16.26	34.744	5.62	20	16.26	34.744	5.62	25.50	248	248	0.0496
30	16.23	34.741	5.42	30	16.23	34.741	5.42	25.51	248	248	0.0745

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	O2	DEPTH	TEMP	SAL	O2	SIGMA-T	D-T	SVA	D-DY

49	16.22	34.740	5.45	50	16.21	34.740	5.44	25.51	247	249	0.1243
74	16.20	34.741	5.40	75	16.18	34.740	5.40	25.52	247	249	0.1865
99	15.91	34.717	5.55								

BUSAN 852 , STATION 400-26 , 33-31.7. N, 127-16.8. E, FEB. 8, 1987, 16:30 KST,
 DEPTH 119 , COLOR 3, TRANS. 13.3, WAVE WNW 2, SWELL WNW 1, WIND WNW 3 , BARO 1019.5,
 AIR TEMP. DRY 15.0, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	16.14	34.737	5.60	0	16.14	34.737	5.60	25.53	246	246	0.0000
9	16.11	34.736	5.65	10	16.10	34.735	5.63	25.53	245	245	0.0245
21	16.05	34.730	5.52	20	16.05	34.730	5.53	25.54	244	245	0.0491
31	16.04	34.729	5.60	30	16.04	34.729	5.59	25.54	244	245	0.0736
50	16.02	34.727	5.70	50	16.02	34.727	5.70	25.55	244	245	0.1227
73	16.00	34.728	5.62	75	15.99	34.727	5.61	25.55	243	245	0.1842
99	15.98	34.725	5.50	100	15.96	34.723	*****	25.56	243	246	0.2457
117	15.68	34.689	*****								

BUSAN 852 , STATION 400-27 , 33-30.3. N, 127-04.5. E, FEB. 8, 1987, 14:25 KST,
 DEPTH 132 , COLOR 3, TRANS. 11.0, WAVE NW 2, SWELL NW 1, WIND NW 3 , BARO 1020. ,
 AIR TEMP. DRY 13.6, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	15.71	34.693	5.60	0	15.71	34.693	5.60	25.59	240	239	0.0000
10	15.62	34.672	5.75	10	15.62	34.672	5.75	25.60	239	239	0.0239
19	15.53	34.677	5.67	20	15.52	34.677	5.68	25.62	237	237	0.0478
31	15.52	34.682	5.85	30	15.52	34.681	5.83	25.62	237	237	0.0716
50	15.47	34.676	5.60	50	15.47	34.676	5.60	25.63	236	237	0.1191
75	15.18	34.649	5.75	75	15.18	34.649	5.75	25.68	232	234	0.1781
100	14.81	34.641	5.60	100	14.81	34.641	5.60	25.75	225	227	0.2358
125	14.55	34.636	5.75	125	14.55	34.636	5.75	25.80	220	223	0.2921

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

4 月(April)

BUSAN 852 , STATION 400-11 , 33-58.3. N, 128-54.0. E, APR. 3. 1987, 18:00 KST,
 DEPTH 114 , COLOR 3, TRANS. 12.0, WAVE WSW 2, SWELL WSW 4 , BARO 1012.5,
 AIR TEMP. DRY 12.0, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	15.12	34.661	5.65	0	15.12	34.661	5.65	25.70	230	229	0.0000
10	15.12	34.663	5.60	10	15.12	34.663	5.60	25.70	229	229	0.0229
20	15.12	34.663	5.50	20	15.12	34.663	5.50	25.70	229	230	0.0459
31	15.06	34.657	5.40	30	15.06	34.657	5.40	25.71	229	229	0.0689
50	15.02	34.656	5.40	50	15.02	34.656	5.40	25.72	228	229	0.1149
74	14.98	34.655	5.30	75	14.97	34.656	5.29	25.73	227	229	0.1722
100	14.85	34.690	5.20	100	14.85	34.690	5.20	25.78	222	224	0.2290
110	14.84	34.690	5.10								

BUSAN 852 , STATION 400-12 , 33-51.7. N, 128-39.0. E, APR. 3. 1987, 19:40 KST,
 DEPTH 104 , COLOR , TRANS. , WAVE WNW 2, SWELL WNW 1, WIND WNW 5 , BARO 1013.5,
 AIR TEMP. DRY 12.0, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	15.33	34.692	5.50	0	15.33	34.692	5.50	25.68	232	231	0.0000
10	15.33	34.694	5.50	10	15.33	34.694	5.50	25.68	232	232	0.0232
20	15.32	34.692	5.55	20	15.32	34.692	5.55	25.68	232	232	0.0464
30	15.19	34.667	5.40	30	15.19	34.667	5.40	25.69	231	231	0.0696
49	15.10	34.662	5.40	50	15.09	34.661	5.39	25.70	229	230	0.1158
75	15.06	34.658	5.35	75	15.06	34.658	5.35	25.71	229	230	0.1735
100	14.87	34.683	5.05	100	14.87	34.683	5.05	25.77	223	225	0.2306

BUSAN 852 , STATION 400-13 , 34-04.6. N, 128-30.0. E, APR. 3. 1987, 15:30 KST,
 DEPTH 94 , COLOR 3, TRANS. 12.0, WAVE WSW 2, SWELL WSW 1, WIND WSW 4 , BARO 1012.5,
 AIR TEMP. DRY 12.1, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	15.06	34.596	5.70	0	15.06	34.596	5.70	25.66	233	233	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
11	15.03	34.607	5.70	10	15.03	34.606	5.70	25.67	232	232	0.0232
20	15.04	34.619	5.65	20	15.04	34.619	5.65	25.68	231	231	0.0464
30	15.00	34.622	5.65	30	15.00	34.622	5.65	25.69	230	230	0.0696
49	14.36	34.540	5.70	50	14.31	34.536	5.70	25.78	222	223	0.1150
75	13.13	34.440	5.80	75	13.13	34.440	5.80	25.95	206	208	0.1690
91	13.07	34.427	5.75								

BUSAN 852 , STATION 400-14 , 34-13.5. N, 128-24.0. E, APR. 3, 1987, 14:20 KST,
 DEPTH 83 , COLOR 3, TRANS. 11.0, WAVE WSW 2, SWELL WSW 1, WIND WSW 5 , BARO 1013. ,
 AIR TEMP. DRY 11.2, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	15.25	34.642	5.70	0	15.25	34.642	5.70	25.65	234	233	0.0000
10	15.25	34.644	5.60	10	15.25	34.644	5.60	25.66	234	234	0.0233
20	15.17	34.638	5.55	20	15.17	34.638	5.55	25.67	232	233	0.0467
30	14.97	34.612	5.80	30	14.97	34.612	5.80	25.69	230	231	0.0699
51	13.86	34.500	5.75	50	13.91	34.505	5.75	25.84	216	217	0.1148
75	12.81	34.448	5.75	75	12.81	34.448	5.75	26.02	199	201	0.1672
79	12.60	34.451	*****								

BUSAN 852 , STATION 400-15 , 34-22.2. N, 128-18.4. E, APR. 3, 1987, 13:10 KST,
 DEPTH 79 , COLOR 4, TRANS. 9.0, WAVE WSW 2, SWELL WSW 1, WIND WSW 4 , BARO 1013. ,
 AIR TEMP. DRY 10.2, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	12.01	34.409	6.15	0	12.01	34.409	6.15	26.14	187	187	0.0000
9	12.02	34.412	6.10	10	12.01	34.412	6.08	26.14	187	187	0.0187
21	11.95	34.415	5.90	20	11.95	34.414	5.91	26.16	186	186	0.0374
31	11.80	34.395	5.95	30	11.81	34.397	5.94	26.17	185	185	0.0560
49	11.15	34.325	5.95	50	11.15	34.326	5.94	26.24	178	179	0.0926
75	11.24	34.352	5.70	75	11.24	34.352	5.70	26.24	178	179	0.1375

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 400-16 , 34-31.0. N. 128-12.2. E. APR. 3.1987, 10:10 KST,
 DEPTH 49 , COLOR 4, TRANS. 6.0, WAVE WSW 2, SWELL WSW 1, WIND WSW 5 , BARO 1013. ,
 AIR TEMP. DRY 8.5, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	11.19	34.406	6.15	0	11.19	34.406	6.15	26.29	173	173	0.0000
11	11.19	34.416	6.15	10	11.19	34.415	6.15	26.30	172	172	0.0173
19	11.19	34.415	6.05	20	11.19	34.415	6.05	26.30	172	173	0.0345
29	11.20	34.419	6.05	30	11.19	34.419	6.04	26.30	172	173	0.0519
47	11.12	34.430	6.00								

BUSAN 852 , STATION 400-17 , 34-27.0. N. 128-00.5. E. APR. 3.1987, 11:30 KST,
 DEPTH 41 , COLOR 4, TRANS. 6.0, WAVE WSW 2, SWELL WSW 1, WIND WSW 4 , BARO 1014. ,
 AIR TEMP. DRY 9.7, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	11.46	34.415	6.10	0	11.46	34.415	6.10	26.25	177	177	0.0000
10	11.42	34.420	6.10	10	11.42	34.420	6.10	26.26	176	176	0.0176
19	11.30	34.408	6.10	20	11.29	34.406	6.10	26.28	175	175	0.0352
31	11.18	34.388	6.15	30	11.19	34.389	6.14	26.28	174	175	0.0528
36	11.14	34.384	6.15								

BUSAN 852 , STATION 400-22 , 33-44.3. N. 128-23.9. E. APR. 3.1987, 21:30 KST,
 DEPTH 110 , COLOR , TRANS. , WAVE WNW 3, SWELL WNW 2, WIND WNW 6 , BARO 1016. ,
 AIR TEMP. DRY 12.0, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	15.60	34.706	5.40	0	15.60	34.706	5.40	25.63	236	236	0.0000
11	15.62	34.712	5.40	10	15.61	34.711	5.40	25.63	236	236	0.0236
19	15.62	34.715	5.35	20	15.62	34.714	5.35	25.63	236	237	0.0473
29	15.62	34.709	5.40	30	15.62	34.709	5.40	25.62	237	237	0.0711
51	15.63	34.714	5.45	50	15.62	34.713	5.44	25.63	237	238	0.1187

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
75	15.09	34.690	5.30	75	15.09	34.690	5.30	25.73	227	229	0.1771
100	14.79	34.703	5.20	100	14.79	34.703	5.20	25.80	220	222	0.2336
106	14.78	34.703	*****								

BUSAN 852 , STATION 400-24 , 33-35.6. N, 127-51.9. E, APR. 5, 1987, 17:35 KST,
 DEPTH 111 , COLOR 3, TRANS. 10.0, WAVE SE 2, SWELL SE 1, WIND SE 5 , BARO 1017. ,
 AIR TEMP. DRY 16.5, WET , CLOUD, TYPE AS, AMT 10, WEATHER C

0	16.42	34.731	5.25	0	16.42	34.731	5.25	25.46	252	252	0.0000
10	16.42	34.731	5.35	10	16.42	34.731	5.35	25.46	252	252	0.0252
19	16.20	34.725	5.50	20	16.19	34.724	5.49	25.50	248	248	0.0503
30	16.14	34.721	5.45	30	16.14	34.721	5.45	25.51	247	248	0.0752
51	15.97	34.707	5.40	50	15.97	34.707	5.40	25.54	244	246	0.1246
76	15.92	34.695	5.30	75	15.92	34.695	5.30	25.54	244	246	0.1862
101	15.18	34.609	5.10	100	15.20	34.612	5.10	25.64	235	238	0.2467

BUSAN 852 , STATION 400-25 , 33-33.6. N, 127-34.0. E, APR. 5, 1987, 15:55 KST,
 DEPTH 104 , COLOR 3, TRANS. 10.0, WAVE SE 2, SWELL SE 1, WIND SE 5 , BARO 1017. 5,
 AIR TEMP. DRY 17.4, WET , CLOUD, TYPE CI, AMT 09, WEATHER C

0	16.41	34.722	5.45	0	16.41	34.722	5.45	25.45	253	253	0.0000
9	16.41	34.728	5.40	10	16.39	34.727	5.41	25.46	252	252	0.0252
20	16.21	34.722	5.55	20	16.21	34.722	5.55	25.50	248	249	0.0503
31	16.20	34.726	5.40	30	16.20	34.725	5.41	25.50	248	249	0.0752
51	16.17	34.723	5.35	50	16.17	34.723	5.35	25.51	248	249	0.1251
74	16.15	34.721	5.35	75	16.11	34.714	5.33	25.52	247	249	0.1874
98	15.33	34.566	5.05								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 400-26 , 33-31.7. N, 127-16.8. E, APR. 5, 1987, 14:10 KST,
 DEPTH 104 , COLOR 3, TRANS. 11.0, WAVE SE 1, SWELL SE 1, WIND SE 4 , BARO 1017.5,
 AIR TEMP. DRY 17.2, WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	16.64	34.746	5.40	0	16.64	34.746	5.40	25.42	256	0.0000
11	16.50	34.738	5.20	10	16.51	34.738	5.21	25.44	254	0.0255
20	16.21	34.720	5.20	20	16.21	34.720	5.20	25.50	249	0.0507
31	16.10	34.710	5.30	30	16.11	34.710	5.29	25.51	247	0.0756
51	15.92	34.694	5.30	50	15.92	34.694	5.30	25.54	246	0.1250
76	15.34	34.583	5.30	75	15.36	34.587	5.30	25.59	240	0.1860
100	14.73	34.623	5.15	100	14.73	34.623	5.15	25.75	224	0.2448

BUSAN 852 , STATION 400-27 , 33-30.3. N, 127-04.5. E, APR. 5, 1987, 12:30 KST,
 DEPTH 130 , COLOR 3, TRANS. 10.0, WAVE SE 1, SWELL SE 1, WIND SE 3 , BARO 1019. ,
 AIR TEMP. DRY 17.0, WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	15.92	34.659	5.60	0	15.92	34.659	5.60	25.52	247	0.0000
11	15.87	34.674	5.50	10	15.87	34.672	5.50	25.54	245	0.0246
20	15.73	34.660	5.40	20	15.73	34.660	5.40	25.56	243	0.0490
30	15.65	34.648	5.45	30	15.65	34.648	5.45	25.57	242	0.0733
50	14.86	34.544	5.40	50	14.86	34.544	5.40	25.66	233	0.1210
74	14.08	34.495	5.55	75	14.06	34.495	5.54	25.80	220	0.1781
100	13.73	34.502	5.40	100	13.73	34.502	5.40	25.87	213	0.2329
125	13.29	34.482	5.25	125	13.29	34.482	5.25	25.95	206	0.2860

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	O2	DEPTH	TEMP	SAL	O2	SIGMA-T	D-T	SVA	D-DY

6月(June)

BUSAN 852 , STATION 400-11 , 33-58.3. N, 128-54.0. E, JUN. 9. 1987, 17:20 KST,
 DEPTH 121 , COLOR 3, TRANS. 15.0, WAVE NE 3, SWELL NE 2, WIND NE 5 , BARO 1005. ,
 AIR TEMP. DRY 21.0, WET , CLOUD, TYPE CI, AMT 01, WEATHER B

0	19.15	33.847	6.00	0	19.15	33.847	6.00	24.12	380	380	0.0000
9	18.98	33.847	6.00	10	18.98	33.846	6.00	24.16	376	376	0.0378
20	18.98	33.846	6.10	20	18.98	33.846	6.10	24.16	376	376	0.0754
30	17.59	34.267	6.10	30	17.59	34.267	6.10	24.83	313	313	0.1100
51	15.41	34.258	6.05	50	15.51	34.258	6.05	25.30	267	268	0.1682
75	14.53	34.309	5.50	75	14.53	34.309	5.50	25.56	243	245	0.2325
100	14.21	34.405	5.15	100	14.21	34.405	5.15	25.70	230	232	0.2923
119	14.30	34.458	5.00								

BUSAN 852 , STATION 400-12 , 33-51.7. N, 128-39.0. E, JUN. 9. 1987, 19:05 KST,
 DEPTH 107 , COLOR , TRANS. , WAVE NE 3, SWELL NE 2, WIND NE 4 , BARO 1005. ,
 AIR TEMP. DRY 20.2, WET , CLOUD, TYPE CI, AMT 01, WEATHER B

0	19.75	33.540	5.75	0	19.75	33.540	5.75	23.73	417	417	0.0000
10	19.76	33.540	6.15	10	19.76	33.540	6.15	23.73	417	417	0.0417
20	19.68	33.543	6.50	20	19.68	33.543	6.50	23.75	415	415	0.0834
30	14.98	33.452	6.00	30	14.98	33.452	6.00	24.80	315	316	0.1200
50	14.89	34.071	5.75	50	14.89	34.071	5.75	25.29	268	269	0.1785
75	14.38	34.446	5.45	75	14.38	34.446	5.45	25.69	230	232	0.2413
101	14.50	34.508	5.35	100	14.49	34.505	5.35	25.71	228	230	0.2992

BUSAN 852 , STATION 400-13 , 34-04.6. N, 128-30.0. E, JUN. 9. 1987, 15:00 KST,
 DEPTH 94 , COLOR 3, TRANS. 14.0, WAVE NE 2, SWELL NE 1, WIND NE 4 , BARO 1006. ,
 AIR TEMP. DRY 20.4, WET , CLOUD, TYPE CI, AMT 01, WEATHER B

0	17.69	33.335	6.30	0	17.69	33.335	6.30	24.09	383	382	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

10	17.54	33.354	6.30	10	17.54	33.354	6.30	24.14	378	378	0.0380
20	17.30	33.250	6.85	20	17.30	33.250	6.85	24.12	380	380	0.0760
31	13.41	33.754	6.35	30	13.76	33.708	6.39	25.25	272	272	0.1087
49	14.14	34.396	5.70	50	14.14	34.398	5.68	25.71	229	230	0.1590
75	14.30	34.452	5.35	75	14.30	34.452	5.35	25.71	228	230	0.2166
91	14.32	34.467	5.30								

BUSAN 852 , STATION 400-14 , 34-13.5. N, 128-24.0. E, JUN. 9.1987, 13:45 KST,
 DEPTH 82 , COLOR 3, TRANS. 14.0, WAVE NE 2, SWELL NE 1, WIND NE 4 , BARO 1006. ,
 AIR TEMP. DRY 20.6, WET , CLOUD, TYPE CI, AMT 01, WEATHER B

0	16.90	33.408	6.40	0	16.90	33.408	6.40	24.33	360	359	0.0000
10	16.68	33.427	6.60	10	16.68	33.427	6.60	24.40	353	353	0.0356
21	14.12	33.643	6.85	20	14.35	33.623	6.82	25.07	290	290	0.0678
30	13.01	33.946	6.25	30	13.01	33.946	6.25	25.59	240	240	0.0944
49	12.66	34.013	5.90	50	12.66	34.013	5.89	25.71	228	229	0.1415
76	12.69	34.024	5.85	75	12.68	34.023	5.85	25.71	228	230	0.1990
80	12.70	34.028	*****								

BUSAN 852 , STATION 400-15 , 34-22.2. N, 128-18.4. E, JUN. 9.1987, 12:25 KST,
 DEPTH 72 , COLOR 3, TRANS. 14.0, WAVE NE 1, SWELL NE 1, WIND NE 3 , BARO 1006.5,
 AIR TEMP. DRY 20.8, WET , CLOUD, TYPE CI, AMT 01, WEATHER B

0	17.48	33.519	6.25	0	17.48	33.519	6.25	24.28	365	364	0.0000
10	16.87	33.551	6.65	10	16.87	33.551	6.65	24.45	348	348	0.0356
19	16.01	33.584	6.65	20	15.78	33.607	6.62	24.74	321	321	0.0692
29	13.80	33.822	6.35	30	13.74	33.828	6.33	25.35	263	263	0.0984
49	12.71	33.953	6.10	50	12.68	33.950	6.09	25.66	234	234	0.1483
70	12.21	33.895	5.90								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
BUSAN 852 , STATION 400-16 , 34-31.0. N, 128-12.2. E, JUN. 9. 1987, 09:25 KST, DEPTH 47 , COLOR 4, TRANS. 9.0, WAVE NE 1, SWELL NE 1, WIND NE 3 , BARO 1006.5, AIR TEMP. DRY 20.4, WET , CLOUD, TYPE 01, AMT 01, WEATHER B											
0	17.88	33.560	6.15	0	17.88	33.560	6.15	24.22	371	370	0.0000
10	17.76	33.586	6.35	10	17.76	33.586	6.35	24.26	366	366	0.0368
20	17.14	33.663	6.10	20	17.14	33.663	6.10	24.47	346	347	0.0725
30	14.16	33.932	5.95	30	14.6	33.932	5.95	25.34	263	264	0.1031
45	13.61	33.992	5.45								
BUSAN 852 , STATION 400-17 , 34-27.0. N, 128-00.5. E, JUN. 9. 1987, 10:40 KST, DEPTH 44 , COLOR 3, TRANS. 12.0, WAVE NE 1, SWELL NE 1, WIND NE 2 , BARO 1006.5, AIR TEMP. DRY 20.7, WET , CLOUD, TYPE 01, AMT 01, WEATHER B											
0	18.01	33.575	6.30	0	18.01	33.575	6.30	24.19	373	372	0.0000
11	17.65	33.591	6.40	10	17.68	33.589	6.39	24.29	364	364	0.0368
21	16.70	33.709	6.40	20	16.79	33.697	6.40	24.58	336	336	0.0719
31	13.82	33.938	6.05	30	14.10	33.915	6.08	25.34	264	264	0.1020
42	13.76	33.966	5.60								
BUSAN 852 , STATION 400-22 , 33-44.3. N, 128-23.9. E, JUN. 9. 1987, 21:00 KST, DEPTH 108 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 4 , BARO 1006. , AIR TEMP. DRY 19.4, WET , CLOUD, TYPE 01, AMT 01, WEATHER B											
0	20.22	33.301	5.85	0	20.22	33.301	5.85	23.43	446	446	0.0000
10	20.22	33.307	6.05	10	20.22	33.307	6.05	23.43	446	446	0.0446
21	19.67	33.521	6.20	20	19.72	33.501	6.18	23.71	419	419	0.0879
29	16.59	33.657	5.80	30	16.48	33.672	5.78	24.63	331	332	0.1255
50	14.42	33.982	5.45	50	14.42	33.982	5.45	25.33	265	266	0.1853
76	15.15	34.605	5.30	75	15.12	34.581	5.30	25.64	235	237	0.2483
100	14.76	34.596	5.15	100	14.76	34.596	5.15	25.73	227	229	0.3068

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
BUSAN 852 , STATION 400-24 , 33-35.6. N, 127-51.9. E, JUN. 11. 1987, 17:20 KST, DEPTH 110 , COLOR 3, TRANS. 13.0, WAVE NE 2, SWELL NE 1, WIND NE 4 , BARO 1009.5, AIR TEMP. DRY 22.7, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC											
0	20.80	33.051	5.75	0	20.80	33.051	5.75	23.08	479	479	0.0000
11	20.47	33.037	5.90	10	20.50	33.038	5.88	23.15	472	472	0.0475
20	20.39	33.067	6.15	20	20.39	33.067	6.15	23.20	467	468	0.0946
31	16.97	33.782	6.05	30	17.28	33.717	6.05	24.48	346	346	0.1353
51	15.71	34.080	5.80	50	15.77	34.065	5.81	25.09	287	288	0.1988
74	14.51	34.093	5.45	75	14.50	34.106	5.42	25.40	257	259	0.2674
100	14.41	34.456	4.90	100	14.41	34.456	4.90	25.69	230	232	0.3289
108	14.42	34.456	*****								
BUSAN 852 , STATION 400-25 , 33-33.6. N, 127-34.0. E, JUN. 11. 1987, 15:40 KST, DEPTH 103 , COLOR 3, TRANS. 14.0, WAVE NE 2, SWELL NE 1, WIND NE 4 , BARO 1010.5, AIR TEMP. DRY 23.7, WET , CLOUD. TYPE CI, AMT 01, WEATHER B											
0	21.22	33.364	5.70	0	21.22	33.364	5.70	23.21	467	467	0.0000
11	21.14	33.349	5.85	10	21.14	33.350	5.83	23.22	466	466	0.0466
21	18.50	33.397	6.40	20	18.76	33.392	6.34	23.87	404	404	0.0902
31	15.49	33.624	5.95	30	15.79	33.601	5.99	24.73	321	322	0.1265
50	14.89	34.151	5.70	50	14.89	34.151	5.70	25.36	262	263	0.1851
75	14.17	34.390	5.40	75	14.17	34.390	5.40	25.69	230	232	0.2471
100	14.27	34.423	5.15	100	14.27	34.423	5.15	25.70	230	232	0.3052
BUSAN 852 , STATION 400-26 , 33-31.7. N, 127-16.8. E, JUN. 11. 1987, 13:55 KST, DEPTH 107 , COLOR 3, TRANS. 15.0, WAVE NE 2, SWELL NE 1, WIND NE 4 , BARO 1010. , AIR TEMP. DRY 23.0, WET , CLOUD. TYPE CI, AMT 01, WEATHER B											
0	20.55	32.882	5.65	0	20.55	32.882	5.65	23.02	485	484	0.0000
10	20.34	32.887	6.00	10	20.34	32.887	6.00	23.08	479	479	0.0482

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
21	18.87	33.551	6.40	20	19.00	33.490	6.36	23.88	402	403	0.0923
31	16.42	33.740	6.10	30	16.66	33.721	6.13	24.63	332	332	0.1291
50	14.74	34.130	5.70	50	14.74	34.130	5.70	25.37	261	262	0.1886
75	14.16	34.378	5.55	75	14.16	34.378	5.55	25.69	231	232	0.2504
101	14.15	34.427	5.35	100	14.15	34.425	5.35	25.73	227	229	0.3083

BUSAN 852 , STATION 400-27 , 33-30.3. N, 127-04.5. E, JUN. 11. 1987, 12:20 KST,
 DEPTH 133 , COLOR 3, TRANS. 14.0, WAVE NE 2, SWELL NE 1, WIND NE 4 , BARO 1011.5,
 AIR TEMP. DRY 23.0, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	20.13	32.962	5.90	0	20.13	32.962	5.90	23.19	468	468	0.0000
10	19.54	33.322	6.20	10	19.54	33.322	6.20	23.62	428	428	0.0448
20	17.64	33.798	6.45	20	17.64	33.798	6.45	24.45	348	348	0.0836
30	16.76	34.065	6.30	30	16.76	34.065	6.30	24.87	309	309	0.1165
51	15.90	34.244	5.75	50	15.94	34.235	5.77	25.19	278	279	0.1755
74	15.54	34.352	5.65	75	15.49	34.357	5.64	25.38	260	262	0.2432
100	14.41	34.504	5.60	100	14.41	34.504	5.60	25.73	226	229	0.3046
125	14.34	34.488	5.10	125	14.34	34.488	5.10	25.73	226	229	0.3620
131	14.34	34.485	****								

8月(August)

BUSAN 852 , STATION 400-11 , 33-58.3. N, 128-54.0. E, AUG. 14. 1987, 16:10 KST,
 DEPTH 122 , COLOR 3, TRANS. 14.0, WAVE SSW 1, SWELL SSW 1, WIND SSW 4 , BARO 1010. ,
 AIR TEMP. DRY 26.5, WET , CLOUD. TYPE NS, AMT 10, WEATHER R

0	25.52	32.192	5.01	0	25.52	32.192	5.01	21.08	670	670	0.0000
10	25.19	32.461	5.10	10	25.19	32.461	5.10	21.39	641	641	0.0656
21	23.32	33.607	5.26	20	23.49	33.502	5.24	22.68	518	518	0.1236
30	21.28	33.390	4.59	30	21.28	33.390	4.59	23.21	467	467	0.1729

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
51	18.18	33.483	4.44	50	18.32	33.478	4.44	24.04	387	388	0.2585
73	18.09	34.672	4.28	75	17.90	34.673	4.25	25.06	290	292	0.3438
100	15.61	34.688	3.94	100	15.61	34.688	3.94	25.61	238	241	0.4105
117	15.62	34.671	3.88								

BUSAN 852 , STATION 400-12 , 33-51.7. N, 128-39.0. E, AUG. 14. 1987, 17:55 KST,
 DEPTH 105 , COLOR 3, TRANS. 15.0, WAVE SW 1, SWELL SW 1, WIND SW 3 , BARO 1010. ,
 AIR TEMP. DRY 26.2, WET , CLOUD. TYPE NS, AMT 10, WEATHER C

0	25.54	32.145	5.15	0	25.54	32.145	5.15	21.04	674	674	0.0000
10	24.94	32.447	5.25	10	24.94	32.447	5.25	21.45	635	635	0.0654
21	21.04	33.110	5.05	20	21.39	33.049	5.06	22.92	494	495	0.1220
29	19.35	33.146	4.68	30	19.26	33.168	4.67	23.57	432	433	0.1684
51	17.43	33.635	4.48	50	17.51	33.612	4.48	24.34	359	360	0.2477
75	17.92	34.651	4.25	75	17.92	34.651	4.25	25.04	292	294	0.3296
100	15.61	34.654	3.95	100	15.61	34.654	3.95	25.58	240	243	0.3969

BUSAN 852 , STATION 400-13 , 34-04.6. N, 128-30.0. E, AUG. 14. 1987, 14:20 KST,
 DEPTH 84 , COLOR 3, TRANS. 15.0, WAVE SSW 1, SWELL SSW 1, WIND SSW 3 , BARO 1010. ,
 AIR TEMP. DRY 26.0, WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	24.04	31.710	5.31	0	24.04	31.710	5.31	21.16	663	662	0.0000
9	22.24	32.065	5.41	10	21.98	32.190	5.40	22.11	572	572	0.0617
20	19.47	33.445	5.36	20	19.47	33.445	5.36	23.73	417	417	0.1112
30	18.71	33.615	5.05	30	18.71	33.615	5.05	24.05	386	387	0.1515
49	16.70	34.235	4.59	50	16.65	34.254	4.57	25.04	292	294	0.2196
73	15.57	34.703	4.12	75	15.57	34.697	****	25.62	237	238	0.2863
82	15.60	34.677	****								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 400-14 , 34-13.5. N, 128-24.0. E, AUG. 14, 1987, 12:50 KST,
 DEPTH 78 , COLOR 3, TRANS. 14.0, WAVE SSW 2, SWELL SSW 1, WIND SSW 4 , BARO 1010. ,
 AIR TEMP. DRY 25.9, WET , CLOUD. TYPE AC, AMT 07, WEATHER BC

0	24.30	31.341	5.15	0	24.30	31.341	5.15	20.81	697	696	0.0000
10	21.58	31.490	5.20	10	21.58	31.490	5.20	21.69	612	612	0.0654
21	17.79	33.054	5.30	20	18.13	32.911	5.29	23.66	424	424	0.1173
30	17.86	33.976	5.20	30	17.6	33.976	5.20	24.54	340	341	0.1556
50	14.74	34.102	4.69	50	14.74	34.102	4.69	25.35	263	264	0.2161
74	15.43	34.617	4.24								

BUSAN 852 , STATION 400-15 , 34-22.2. N, 128-18.4. E, AUG. 14, 1987, 11:40 KST,
 DEPTH 66 , COLOR 3, TRANS. 14.0, WAVE SE 2, SWELL SE 1, WIND SE 4 , BARO 1010. ,
 AIR TEMP. DRY 25.6, WET , CLOUD. TYPE AC, AMT 06, WEATHER BC

0	24.57	30.920	5.20	0	24.57	30.920	5.20	20.41	735	734	0.0000
10	22.34	31.342	5.46	10	22.34	31.342	5.46	21.37	643	643	0.0689
21	17.49	32.815	5.05	20	17.93	32.681	5.08	23.53	436	436	0.1229
29	15.89	33.138	4.96	30	15.81	33.184	4.95	24.41	352	353	0.1624
50	14.32	34.114	4.90	50	14.32	34.114	4.90	25.45	253	254	0.2231
64	14.63	34.397	4.13								

BUSAN 852 , STATION 400-16 , 34-31.0. N, 128-12.2. E, AUG. 14, 1987, 09:00 KST,
 DEPTH 49 , COLOR 3, TRANS. 12.0, WAVE SE 1, SWELL SE 1, WIND SE 2 , BARO 1010. ,
 AIR TEMP. DRY 25.8, WET , CLOUD. TYPE AS, AMT 08, WEATHER C

0	22.64	31.711	5.00	0	22.64	31.711	5.00	21.56	624	624	0.0000
10	21.27	32.034	5.43	10	21.27	32.034	5.43	22.19	565	565	0.0594
21	18.13	33.039	5.00	20	18.41	32.947	5.03	23.62	428	428	0.1091
30	16.45	33.579	4.58	30	16.45	33.579	4.58	24.57	337	338	0.1474
47	15.10	33.941	4.03								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 400-17 , 34-27.0. N, 128-00.5. E, AUG. 14, 1987, 10:05 KST,
 DEPTH 40 , COLOR 3, TRANS, 12.0, WAVE SE 1, SWELL SE 1, WIND SE 3 , BARO 1010. ,
 AIR TEMP. DRY 27.0, WET , CLOUD. TYPE AS, AMT 07, WEATHER BC

0	24.41	30.789	5.10	0	24.41	30.789	5.10	20.36	740	739	0.0000
10	21.33	31.915	5.05	10	21.33	31.915	5.05	22.08	575	575	0.0657
19	18.27	32.531	4.69	20	18.04	32.617	4.66	23.46	443	443	0.1167
30	15.75	33.487	4.38	30	15.75	33.487	4.38	24.66	329	329	0.1553
38	14.73	33.955	*****								

BUSAN 852 , STATION 400-22 , 33-44.3. N, 128-23.9. E, AUG. 14, 1987, 19:35 KST,
 DEPTH 109 , COLOR , TRANS, , WAVE SW 2, SWELL SW 1, WIND SW 3 , BARO 1010. ,
 AIR TEMP. DRY 25.7, WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	25.00	32.432	5.03	0	25.00	32.432	5.03	21.42	638	637	0.0000
10	24.57	32.433	5.11	10	24.57	32.433	5.11	21.55	625	625	0.0631
20	21.92	33.190	5.06	20	21.92	33.190	5.06	22.88	498	498	0.1194
30	20.03	33.486	4.69	30	20.03	33.486	4.69	23.62	428	428	0.1658
51	19.18	34.386	4.38	50	19.22	34.343	4.39	24.48	346	347	0.2434
76	16.68	34.742	4.29	75	16.78	34.727	4.29	25.37	261	263	0.3197
101	15.96	34.687	3.93	100	15.98	34.689	3.94	25.52	246	249	0.3838

BUSAN 852 , STATION 400-24 , 33-35.6. N, 127-51.9. E, AUG. 18, 1987, 16:50 KST,
 DEPTH 115 , COLOR 3, TRANS, 13.0, WAVE NE 2, SWELL NE 1, WIND ENE 3 , BARO 1007.5,
 AIR TEMP. DRY 26.8, WET , CLOUD. TYPE AC, AMT 04, WEATHER BC

0	29.00	29.339	4.74	0	29.00	29.339	4.74	17.84	982	982	0.0000
10	28.82	29.436	5.15	10	28.82	29.436	5.15	17.97	969	969	0.0975
19	24.87	32.625	4.99	20	24.68	32.643	4.97	21.68	613	614	0.1767

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
30	22.79	32.827	4.85	30	22.79	32.827	4.85	22.37	547	548	0.2349
50	18.40	33.075	4.69	50	18.40	33.075	4.69	23.72	418	419	0.3317
75	18.05	34.646	4.18	75	18.05	34.646	4.18	25.00	296	298	0.4215
101	16.22	34.627	3.72	100	16.29	34.627	3.73	25.41	257	260	0.4913
113	14.80	34.615	****								

BUSAN 852 , STATION 400-25 , 33-33.6. N, 127-34.0. E, AUG.18.1987, 15:20 KST,
 DEPTH 108 , COLOR 3, TRANS. 14.0, WAVE NE 1, SWELL NE 1, WIND ENE 3 , BARO 1007.5,
 AIR TEMP. DRY 26.8, WET , CLOUD, TYPE AS, AMT 08, WEATHER C

0	27.13	31.239	4.80	0	27.13	31.239	4.80	19.87	787	787	0.0000
9	26.88	31.279	4.94	10	26.44	31.348	4.92	20.17	758	758	0.0772
20	22.05	32.045	4.79	20	22.05	32.045	4.79	21.98	584	584	0.1444
30	18.99	32.989	4.59	30	18.99	32.989	4.59	23.51	438	439	0.1956
50	17.41	33.509	4.44	50	17.41	33.509	4.44	24.29	364	365	0.2761
76	15.83	34.586	4.13	75	15.89	34.544	4.14	25.44	255	256	0.3539
100	15.15	34.652	3.93	100	15.15	34.652	3.93	25.68	231	233	0.4153

BUSAN 852 , STATION 400-26 , 33-31.7. N, 127-16.8. E, AUG.18.1987, 13:50 KST,
 DEPTH 109 , COLOR 3, TRANS. 13.0, WAVE NE 2, SWELL NE 1, WIND NE 4 , BARO 1009. ,
 AIR TEMP. DRY 27.0, WET , CLOUD, TYPE CI, AMT 05, WEATHER BC

0	26.10	31.610	4.85	0	26.10	31.610	4.85	20.47	729	729	0.0000
11	25.39	31.706	5.05	10	25.45	31.697	5.03	20.73	704	704	0.0716
21	22.49	32.624	5.04	20	22.78	32.532	5.04	22.15	568	569	0.1353
30	18.92	32.814	4.95	30	18.92	32.814	4.95	23.39	450	450	0.1863
51	16.11	33.291	4.59	50	16.24	33.268	4.60	24.38	355	356	0.2671
74	16.75	34.358	4.18	75	16.69	34.363	4.17	25.11	285	287	0.3477
101	15.30	34.516	4.08	100	15.35	34.510	4.08	25.53	246	248	0.4147
105	15.25	34.521	****								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 400-27 , 33-30.3. N, 127-04.5. E, AUG. 18, 1987, 12:20 KST,
 DEPTH 131 , COLOR 3, TRANS. 12.0, WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1009. ,
 AIR TEMP. DRY 25.4, WET , CLOUD. TYPE AC, AMT 05, WEATHER BC

0	23.92	32.092	5.10	0	23.92	32.092	5.10	21.49	632	631	0.0000
11	23.04	32.500	5.36	10	23.12	32.462	5.33	22.00	583	583	0.0607
19	21.85	32.909	5.11	20	21.59	32.934	5.09	22.78	508	508	0.1153
29	19.34	33.164	5.00	30	19.20	33.177	4.98	23.60	430	430	0.1623
49	16.55	33.429	4.69	50	16.56	33.467	4.68	24.46	348	349	0.2403
74	16.90	34.396	4.44	75	16.84	34.400	4.44	25.10	286	288	0.3200
100	15.49	34.509	4.44	100	15.49	34.509	4.44	25.50	249	251	0.3875
124	14.83	34.572	3.88								

10月(October)

BUSAN 852 , STATION 400-11 , 33-58.3. N, 128-54.0. E, OCT. 11, 1987, 16:10 KST,
 DEPTH 114 , COLOR 3, TRANS. 12.0, WAVE NE 3, SWELL NE 2, WIND NE 4 , BARO 1007. ,
 AIR TEMP. DRY 24.8, WET , CLOUD. TYPE CI, AMT 05, WEATHER BC

0	24.86	34.088	4.70	0	24.86	34.088	4.70	22.71	514	514	0.0000
9	25.61	34.039	4.70	10	25.61	34.042	4.71	22.45	540	540	0.0527
20	25.64	34.073	4.85	20	25.64	34.073	4.85	22.46	538	538	0.1066
30	25.11	34.083	4.65	30	25.11	34.083	4.65	22.63	522	523	0.1597
50	24.90	34.100	4.35	50	24.90	34.100	4.35	22.71	515	516	0.2637
75	20.28	34.374	4.00	75	20.28	34.374	4.00	24.23	370	372	0.3748
100	16.13	34.539	3.70	100	16.13	34.539	3.70	25.38	260	263	0.4542
108	15.96	34.162	3.55								

BUSAN 852 , STATION 400-12 , 33-51.7. N, 128-39.0. E, OCT. 11, 1987, 17:40 KST,
 DEPTH 107 , COLOR 3, TRANS. 12.0, WAVE NE 2, SWELL NE 1, WIND NE 4 , BARO 1007. ,
 AIR TEMP. DRY 23.8, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	25.07	33.920	4.65	0	25.07	33.920	4.65	22.52	532	532	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
10	24.89	34.052	4.80	10	24.89	34.052	4.80	22.68	518	518	0.0525
20	24.78	34.117	4.60	20	24.78	34.117	4.60	22.76	510	510	0.1039
30	24.91	33.999	4.40	30	24.91	33.999	4.40	22.63	522	523	0.1556
50	24.69	34.101	4.10	50	24.69	34.101	4.10	22.77	508	510	0.2590
76	17.82	34.409	3.85	75	18.08	34.397	3.85	24.80	315	317	0.3624
100	15.52	34.643	3.55	100	15.52	34.643	3.55	25.60	239	242	0.4324
105	15.52	34.634	****								

BUSAN 852 , STATION 400-13 , 34-04.6, N, 128-30.0, E, OCT. 11, 1987, 14:20 KST,
 DEPTH 94 , COLOR 3, TRANS. 14.0, WAVE NE 3, SWELL NE 2, WIND NE 5 , BARO 1007.5,
 AIR TEMP. DRY 24.0, WET , CLOUD. TYPE C1, AMT 06, WEATHER BC

0	22.72	34.044	4.75	0	22.72	34.044	4.75	23.31	458	457	0.0000
9	24.86	34.498	4.75	10	24.81	34.496	4.74	23.03	483	483	0.0470
20	24.34	34.485	4.70	20	24.34	34.485	4.70	23.17	471	471	0.0948
30	24.21	34.421	4.70	30	24.21	34.421	4.70	23.16	472	472	0.1420
50	20.68	34.403	4.25	50	20.68	34.403	4.25	24.14	378	379	0.2273
75	15.87	34.463	4.00	75	15.87	34.463	4.00	25.38	260	262	0.3075
92	15.14	34.587	3.40								

BUSAN 852 , STATION 400-14 , 34-13.5, N, 128-24.0, E, OCT. 11, 1987, 13:15 KST,
 DEPTH 92 , COLOR 3, TRANS. 12.0, WAVE NE 2, SWELL NE 1, WIND NE 4 , BARO 1009. ,
 AIR TEMP. DRY 23.7, WET , CLOUD. TYPE C1, AMT 04, WEATHER BC

0	21.02	34.056	5.30	0	21.02	34.056	5.30	23.79	412	411	0.0000
9	21.27	34.359	5.20	10	21.57	34.356	5.16	23.86	404	404	0.0408
20	24.62	34.334	4.80	20	24.62	34.334	4.80	22.97	490	490	0.0856
30	24.58	34.137	4.75	30	24.58	34.137	4.75	22.83	503	503	0.1353
51	19.99	34.367	4.20	50	20.20	34.356	4.22	24.23	369	371	0.2228
75	15.10	34.458	3.95	75	15.10	34.458	3.95	25.55	244	246	0.2999
90	14.96	34.421	3.55								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
BUSAN 852 , STATION 400-15 , 34-22.2. N, 128-18.4. E, OCT. 11. 1987, 12:10 KST, DEPTH 74 , COLOR 3, TRANS. 11.0, WAVE NE 2, SWELL NE 1, WIND NE 4 , BARO 1009. , AIR TEMP. DRY 23.7, WET , CLOUD. TYPE CI, AMT 07, WEATHER BC											
0	19.30	33.965	5.20	0	19.30	33.965	5.20	24.17	375	375	0.0000
9	19.28	33.965	5.20	10	19.47	33.967	5.18	24.13	379	379	0.0377
21	21.66	33.992	5.05	20	21.46	33.989	5.06	23.62	428	428	0.0781
29	20.27	34.032	4.75	30	19.99	34.041	4.73	24.05	387	387	0.1190
50	14.48	34.231	4.35	50	14.48	34.231	4.35	25.51	248	249	0.1827
71	14.49	34.250	4.00								
BUSAN 852 , STATION 400-16 , 34-31.0. N, 128-12.2. E, OCT. 11. 1987, 09:40 KST, DEPTH 49 , COLOR 4, TRANS. 10.0, WAVE NE 2, SWELL NE 1, WIND NE 4 , BARO 1009.5, AIR TEMP. DRY 22.4, WET , CLOUD. TYPE CI, AMT 04, WEATHER BC											
0	19.58	33.996	5.25	0	19.58	33.996	5.25	24.12	380	379	0.0000
9	19.56	34.030	5.25	10	19.55	34.038	5.22	24.16	376	376	0.0378
20	19.55	34.128	5.00	20	19.55	34.128	5.00	24.23	369	370	0.0751
30	19.23	34.382	4.75	30	19.23	34.382	4.75	24.51	343	344	0.1108
47	16.24	34.330	4.30								
BUSAN 852 , STATION 400-17 , 34-27.0. N, 128-00.5. E, OCT. 11. 1987, 10:40 KST, DEPTH 41 , COLOR 4, TRANS. 10.0, WAVE NE 2, SWELL NE 1, WIND NE 4 , BARO 1009.5, AIR TEMP. DRY 23.5, WET , CLOUD. TYPE CI, AMT 06, WEATHER BC											
0	19.49	33.864	5.15	0	19.49	33.864	5.15	24.04	387	387	0.0000
11	19.44	33.897	5.05	10	19.44	33.894	5.05	24.08	384	384	0.0385
20	19.94	34.150	5.05	20	19.94	34.150	5.05	24.14	377	378	0.0767
30	19.78	34.344	4.65	30	19.78	34.344	4.65	24.33	359	360	0.1136
39	16.96	34.425	4.15								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 400-22 , 33-44.3. N, 128-23.9. E, OCT. 11. 1987, 19:15 KST,
 DEPTH 110 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 4 , BARO 1007.5,
 AIR TEMP. DRY 23.2, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	24.65	33.836	4.70	0	24.65	33.836	4.70	22.58	526	526	0.0000
10	24.67	34.320	4.75	10	24.67	34.320	4.75	22.94	492	492	0.0509
21	24.62	34.365	4.85	20	24.62	34.360	4.84	22.99	488	488	0.1000
30	24.74	34.336	4.70	30	24.74	34.336	4.70	22.93	493	494	0.1491
50	24.04	34.095	4.40	50	24.04	34.095	4.40	22.96	490	492	0.2478
75	20.43	34.645	3.85	75	20.43	34.645	3.85	24.39	354	356	0.3539
100	15.81	34.664	3.80	100	15.81	34.664	3.80	25.55	244	247	0.4293
106	15.53	34.649	*****								

BUSAN 852 , STATION 400-24 , 33-35.6. N, 127-51.9. E, OCT. 17. 1987, 17:05 KST,
 DEPTH 108 , COLOR 3, TRANS. 12.0, WAVE NW 4, SWELL NW 2, WIND NW 5 , BARO 1007. ,
 AIR TEMP. DRY 22.3, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	24.87	34.157	4.75	0	24.87	34.157	4.75	22.76	510	509	0.0000
10	24.84	34.200	4.80	10	24.84	34.200	4.80	22.80	506	506	0.0507
20	24.77	34.256	4.75	20	24.77	34.256	4.75	22.87	500	500	0.1011
30	24.72	34.340	4.60	30	24.72	34.340	4.60	22.94	492	493	0.1508
51	24.53	34.467	4.00	50	24.53	34.460	4.02	23.09	478	480	0.2481
74	18.94	34.625	3.60	75	18.83	34.623	3.61	24.79	316	318	0.3479
101	16.11	34.594	3.90	100	16.21	34.595	3.88	25.40	258	260	0.4204
106	15.60	34.658	*****								

BUSAN 852 , STATION 400-25 , 33-33.6. N, 127-34.0. E, OCT. 17. 1987, 15:35 KST,
 DEPTH 110 , COLOR 3, TRANS. 12.0, WAVE NW 4, SWELL NW 2, WIND NW 5 , BARO 1007. ,
 AIR TEMP. DRY 22.0, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	24.71	33.660	5.00	0	24.71	33.660	5.00	22.43	541	541	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
10	24.76	33.632	5.10	10	24.76	33.632	5.10	22.40	544	544	0.0542
19	24.73	33.658	4.85	20	24.71	33.669	4.83	22.44	540	541	0.1085
30	24.56	33.779	4.65	30	24.56	33.779	4.65	22.57	528	529	0.1621
50	24.33	33.929	4.10	50	24.33	33.929	4.10	22.75	511	512	0.2662
74	17.82	34.518	3.65	75	17.74	34.521	3.64	24.98	298	300	0.3678
99	15.84	34.600	3.45	100	15.76	34.605	****	25.51	247	250	0.4366
106	15.34	34.641	****								

BUSAN 852 , STATION 400-26 , 33-31.7. N, 127-16.8. E, OCT. 17. 1987, 14:05 KST,
 DEPTH 122 , COLOR 3, TRANS. 11.0, WAVE NW 4, SWELL NW 2, WIND NW 5 , BARO 1007. ,
 AIR TEMP. DRY 21.9, WET , CLOUD, TYPE CI, AMT 02, WEATHER B

0	23.92	34.030	4.80	0	23.92	34.030	4.80	22.95	492	491	0.0000
10	23.85	34.074	4.75	10	23.85	34.074	4.75	23.00	487	487	0.0489
20	23.68	34.193	4.85	20	23.68	34.193	4.85	23.14	473	474	0.0970
29	23.72	34.145	4.45	30	23.47	34.144	4.42	23.16	471	472	0.1443
49	18.79	34.134	4.00	50	18.73	34.150	3.98	24.45	348	349	0.2265
76	17.36	34.572	3.65	75	17.41	34.555	3.66	25.09	288	290	0.3064
99	15.29	34.661	3.55	100	15.24	34.659	3.54	25.67	232	235	0.3721
117	14.41	34.641	3.45								

BUSAN 852 , STATION 400-27 , 33-30.3. N, 127-04.5. E, OCT. 17. 1987, 12:35 KST,
 DEPTH 115 , COLOR 3, TRANS. 12.0, WAVE NW 3, SWELL NW 2, WIND NW 5 , BARO 1008. ,
 AIR TEMP. DRY 21.4, WET , CLOUD, TYPE CI, AMT 02, WEATHER B

0	19.93	33.022	5.10	0	19.93	33.022	5.10	23.29	459	459	0.0000
11	20.03	32.940	4.95	10	20.02	32.947	4.96	23.21	467	467	0.0463
21	21.22	33.755	4.80	20	21.10	33.673	4.81	23.47	441	442	0.0917
30	21.13	34.082	4.35	30	21.13	34.082	4.35	23.78	413	413	0.1345
49	18.30	34.052	4.10	50	18.26	34.054	4.09	24.50	344	345	0.2105
75	17.43	34.115	3.85	75	17.43	34.115	3.85	24.75	320	322	0.2940
100	15.79	34.325	3.65	100	15.79	34.325	3.65	25.29	268	271	0.3682
113	15.31	34.474	3.55								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

12月(December)

BUSAN 852 , STATION 400-11 , 33-58.3. N, 128-54.0. E, DEC. 7. 1987, 16:50 KST,
 DEPTH 119 , COLOR 3, TRANS. 11.0, WAVE NW 3, SWELL NW 2, WIND NW 4 , BARO 1028.5,
 AIR TEMP. DRY 11.0, WET , CLOUD, TYPE AC, AMT 04, WEATHER BC

0	18.11	34.147	5.23	0	18.11	34.147	5.23	24.61	333	333	0.0000
10	18.11	34.118	5.32	10	18.11	34.118	5.32	24.58	336	336	0.0334
20	20.01	34.129	5.08	20	20.01	34.129	5.08	24.11	381	381	0.0693
30	20.11	34.081	5.02	30	20.11	34.081	5.02	24.05	387	387	0.1078
49	19.84	34.103	5.08	50	19.82	34.103	5.07	24.14	378	379	0.1845
75	19.39	34.107	5.02	75	19.39	34.107	5.02	24.25	367	369	0.2782
100	16.87	34.154	4.53	100	16.87	34.154	4.53	24.91	305	307	0.3628
117	16.23	34.588	3.97								

BUSAN 852 , STATION 400-12 , 33-51.7. N, 128-39.0. E, DEC. 7. 1987, 18:30 KST,
 DEPTH 106 , COLOR , TRANS. , WAVE NW 3, SWELL NW 2, WIND NW 4 , BARO 1028.5,
 AIR TEMP. DRY 10.2, WET , CLOUD, TYPE AC, AMT 04, WEATHER BC

0	18.40	34.606	5.19	0	18.40	34.606	5.19	24.89	307	307	0.0000
10	19.16	34.558	5.00	10	19.16	34.558	5.00	24.66	329	329	0.0318
21	19.07	34.568	4.84	20	19.07	34.567	4.85	24.69	326	326	0.0646
30	19.06	34.565	5.08	30	19.06	34.565	5.08	24.69	326	326	0.0972
51	19.23	34.557	4.98	50	19.22	34.557	4.98	24.64	330	331	0.1631
75	19.30	34.607	4.73	75	19.30	34.607	4.73	24.66	328	331	0.2460
101	15.76	34.245	4.08	100	15.89	34.258	4.10	25.22	275	278	0.3222
104	15.70	*****	*****								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 400-13 , 34-04.6. N, 128-30.0. E, DEC. 7. 1987, 14:40 KST,
 DEPTH 99 , COLOR 3, TRANS. 16.0, WAVE NW 3, SWELL NW 2, WIND NW 4 , BARO 1028. ,
 AIR TEMP. DRY 10.8, WET , CLOUD, TYPE AC, AMT 05, WEATHER BC

0	18.08	34.464	5.18	0	18.08	34.464	5.18	24.86	310	309	0.0000
11	19.95	34.470	4.98	10	19.78	34.469	4.99	24.43	350	350	0.0330
20	20.29	34.471	5.03	20	20.29	34.471	5.03	24.30	363	363	0.0687
30	20.46	34.489	4.94	30	20.46	34.489	4.94	24.27	366	367	0.1053
50	20.27	34.471	5.13	50	20.27	34.471	5.13	24.30	362	364	0.1784
75	19.60	34.691	4.46	75	19.60	34.691	4.46	24.65	330	332	0.2655
94	16.06	34.628	3.73								

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BUSAN 852 , STATION 400-14 , 34-13.5. N, 128-24.0. E, DEC. 7. 1987, 13:30 KST,
 DEPTH 95 , COLOR 3, TRANS. 13.0, WAVE NW 2, SWELL NW 1, WIND NW 3 , BARO 1029. ,
 AIR TEMP. DRY 11.8, WET , CLOUD, TYPE CI, AMT 01, WEATHER B

0	16.74	34.039	5.52	0	16.74	34.039	5.52	24.85	310	310	0.0000
10	16.98	34.059	5.36	10	16.98	34.059	5.36	24.81	314	314	0.0312
21	17.20	34.022	5.18	20	17.18	34.025	5.19	24.74	321	321	0.0630
31	17.69	34.069	5.13	30	17.64	34.064	5.13	24.66	329	329	0.0955
50	17.74	34.050	5.08	50	17.74	34.050	5.08	24.62	332	333	0.1619
75	16.43	34.498	3.94	75	16.43	34.498	3.94	25.28	270	272	0.2376
92	16.16	34.534	3.63								

BUSAN 852 , STATION 400-15 , 34-22.2. N, 128-18.4. E, DEC. 7. 1987, 12:15 KST,
 DEPTH 61 , COLOR 4, TRANS. 12.0, WAVE NW 2, SWELL NW 1, WIND NW 3 , BARO 1028.5,
 AIR TEMP. DRY 10.0, WET , CLOUD, TYPE CI, AMT 01, WEATHER B

0	15.00	33.425	5.85	0	15.00	33.425	5.85	24.77	318	317	0.0000
10	14.72	33.429	5.52	10	14.72	33.429	5.52	24.84	311	311	0.0314

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	O2	DEPTH	TEMP	SAL	O2	SIGMA-T	D-T	SVA	D-DY

20	17.18	33.408	5.46	20	17.18	33.408	5.46	24.27	366	366	0.0654
31	17.27	33.425	5.35	30	17.26	33.423	5.36	24.26	367	367	0.1021
49	18.42	34.366	4.94	50	18.43	*****	*****	*****	***	***	*****
59	18.53	*****	*****								

BUSAN 852 , STATION 400-16 , 34-31.0, N, 128-12.2, E, DEC. 7, 1987, 09:35 KST,
 DEPTH 53 , COLOR 5, TRANS. 6.0, WAVE NW 3, SWELL NW 2, WIND NW 4 , BARO 1029. ,
 AIR TEMP. DRY 7.0, WET , CLOUD, TYPE CI, AMT 01, WEATHER B

0	13.39	33.471	5.32	0	13.39	33.471	5.32	25.15	282	282	0.0000
10	14.40	33.524	5.37	10	14.40	33.524	5.37	24.98	298	298	0.0290
20	14.42	33.503	5.42	20	14.42	33.503	5.42	24.96	300	300	0.0589
30	14.48	33.498	5.52	30	14.48	33.498	5.52	24.94	302	302	0.0891
50	14.49	34.491	5.23	50	14.49	34.491	5.23	25.70	229	230	0.1424

BUSAN 852 , STATION 400-17 , 34-27.0, N, 128-00.5, E, DEC. 7, 1987, 10:45 KST,
 DEPTH 43 , COLOR 5, TRANS. 6.0, WAVE NW 2, SWELL NW 1, WIND NW 3 , BARO 1029. ,
 AIR TEMP. DRY 8.5, WET , CLOUD, TYPE CI, AMT 01, WEATHER B

0	13.11	33.227	5.95	0	13.11	33.227	5.95	25.01	295	294	0.0000
10	13.17	33.226	5.71	10	13.17	33.226	5.71	25.00	296	296	0.0295
20	13.11	33.275	5.70	20	13.11	33.275	5.70	25.05	291	291	0.0589
30	12.73	33.240	5.81	30	12.73	33.240	5.81	25.10	287	287	0.0879
41	12.81	33.221	5.85								

BUSAN 852 , STATION 400-22 , 33-44.3, N, 128-23.9, E, DEC. 7, 1987, 20:10 KST,
 DEPTH 112 , COLOR , TRANS. , WAVE NW 3, SWELL NW 2, WIND NW 4 , BARO 1028.5,
 AIR TEMP. DRY 9.9, WET , CLOUD, TYPE AC, AMT 04, WEATHER BC

0	19.08	34.535	5.18	0	19.08	34.535	5.18	24.66	328	328	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
10	19.33	34.556	4.94	10	19.33	34.556	4.94	24.61	333	333	0.0331
21	19.17	34.510	5.03	20	19.18	34.514	5.02	24.62	332	333	0.0664
30	19.11	34.535	5.07	30	19.11	34.535	5.07	24.65	329	330	0.0996
51	19.01	34.514	4.98	50	19.01	34.515	4.98	24.66	328	329	0.1656
75	18.61	34.526	4.85	75	18.61	34.526	4.85	24.77	318	320	0.2469
100	17.81	34.632	4.27	100	17.81	34.632	4.27	25.05	291	294	0.3237
110	15.65	*****	****								

BUSAN 852 , STATION 400-24 , 33-35.6. N, 127-51.9. E, DEC. 8, 1987, 21:05 KST,
 DEPTH 110 , COLOR , TRANS. , WAVE NW 3, SWELL NW 2, WIND NW 4 , BARO 1026. ,
 AIR TEMP. DRY 11.4, WET , CLOUD, TYPE CI, AMT 05, WEATHER BC

0	19.29	34.546	4.98	0	19.29	34.546	4.98	24.61	333	332	0.0000
10	19.28	34.551	5.08	10	19.28	34.551	5.08	24.62	332	332	0.0332
21	19.29	34.514	4.94	20	19.28	34.517	4.95	24.59	335	335	0.0666
31	19.32	34.525	5.08	30	19.31	34.523	5.06	24.59	335	336	0.1002
49	19.28	34.528	5.23	50	19.27	34.528	5.22	24.61	334	335	0.1674
74	19.14	34.542	5.03	75	19.14	34.542	5.01	24.65	329	331	0.2508
100	19.14	34.544	4.58	100	19.14	34.544	4.58	24.65	329	332	0.3338
107	19.07	*****	****								

BUSAN 852 , STATION 400-25 , 33-33.6. N, 127-34.0. E, DEC. 8, 1987, 19:35 KST,
 DEPTH 110 , COLOR , TRANS. , WAVE NW 3, SWELL NW 2, WIND NW 5 , BARO 1026. ,
 AIR TEMP. DRY 11.2, WET , CLOUD, TYPE CI, AMT 03, WEATHER BC

0	19.63	34.618	4.89	0	19.63	34.618	4.89	24.58	336	336	0.0000
10	19.69	34.633	5.13	10	19.69	34.633	5.13	24.58	336	336	0.0336
20	19.71	34.639	5.01	20	19.71	34.639	5.01	24.58	336	337	0.0673
30	19.72	34.656	4.98	30	19.72	34.656	4.98	24.59	335	336	0.1010
50	19.70	34.664	5.08	50	19.70	34.664	5.08	24.60	334	336	0.1682
75	19.65	34.687	4.94	75	19.65	34.687	4.94	24.63	331	333	0.2519
100	18.97	34.746	4.37	100	18.97	34.746	4.37	24.85	310	313	0.3329

第四編

營養鹽類調查成績

PART 4

NUTRIENTS DATA

1 9 8 7

영 양 염 성 적 표
Nutrients Data, Line 205

Month		Feb.			Apr.		
Station		01	03	05	01	03	05
Date		7	7	6	4	4	3
Time		06:00	03:20	23:40	05:35	03:10	23:15
Bottom Depth		48	85	119	47	—	—
PO ₄ -P (μg-at./ℓ)	0 m	0.49	0.26	0.42	0.61	0.31	0.31
	20 m	0.45	0.31	0.31	0.49	0.24	0.24
	50 m	—	0.45	0.26	—	0.28	0.24
	Bottom	0.47	0.45	0.21	0.52	—	—
NO ₂ -N (μg-at./ℓ)	0 m	0.29	0.23	0.33	0.34	0.81	0.78
	20 m	0.24	0.20	0.31	0.50	0.77	0.86
	50 m	—	0.31	0.34	—	0.38	0.58
	Bottom	0.34	0.27	0.23	0.50	—	—

Month		June			Aug.		
Station		01	03	05	01	03	05
Date		10	10	9	15	15	14
Time		04:20	02:15	22:45	02:40	00:30	21:10
Bottom Depth		—	75	113	—	75	125
PO ₄ -P (μg-at./ℓ)	0 m	0.12	0.05	0.09	0.12	0.02	0.05
	20 m	0.09	0.12	0.07	0.52	0.35	0.05
	50 m	0.09	0.12	0.31	0.78	0.64	0.31
	Bottom	—	0.33	0.52	—	0.71	0.49
NO ₂ -N (μg-at./ℓ)	0 m	0.06	0.09	0.09	0.01	0.33	0.05
	20 m	0.16	0.07	0.07	0.43	0.41	0.02
	50 m	0.09	0.05	0.33	0.24	0.06	0.71
	Bottom	—	0.04	0.06	—	0.15	0.02

Month		Oct.			Dec.		
Station		01	03	05	01	03	05
Date		12	11	11	8	8	7
Time		01:30	23:40	20:45	02:50	01:00	21:45
Bottom Depth		—	—	112	—	74	117
PO ₄ -P (μg-at./ℓ)	0 m	0.26	0.24	0.29	0.61	0.61	0.47
	20 m	0.33	0.38	0.26	0.66	0.66	0.43
	50 m	1.29	1.10	0.26	0.59	1.06	0.47
	Bottom	—	—	0.71	—	1.20	0.80
NO ₂ -N (μg-at./ℓ)	0 m	0.02	0.07	0.05	0.55	0.33	0.42
	20 m	0.05	0.37	0.02	0.85	0.49	0.44
	50 m	0.28	0.08	0.03	0.51	0.12	0.41
	Bottom	—	—	0.13	—	0.12	0.01

영 양 염 성 적 표
Nutrients Data, Line 204

Month		Feb.			Apr.		
Station		02	04	06	02	04	06
Date		7	8	8	4	5	5
Time		08:00	09:50	12:30	07:35	09:00	11:35
Bottom Depth		31	76	121	—	—	—
PO ₄ -P (μg-at./ℓ)	0 m	0.54	0.40	0.38	0.59	0.49	0.47
	20 m	0.57	0.54	0.21	0.57	0.52	0.47
	50 m	—	0.57	0.33	—	0.49	0.48
	Bottom	0.52	0.40	0.33	—	—	—
NO ₂ -N (μg-at./ℓ)	0 m	0.76	0.18	0.49	0.38	0.40	0.43
	20 m	0.33	0.53	0.56	0.85	0.58	0.49
	50 m	—	0.20	0.55	—	0.78	0.82
	Bottom	0.49	0.23	0.38	—	—	—

Month		June			Aug.		
Station		02	04	06	02	04	06
Date		10	11	11	15	18	18
Time		06:20	08:45	11:20	04:35	09:05	11:40
Bottom Depth		30	75	125	31	76	124
PO ₄ -P (μg-at./ℓ)	0 m	0.12	0.05	0.16	0.05	0.14	0.16
	20 m	0.14	0.07	0.14	0.26	0.40	0.14
	50 m	—	0.42	0.28	—	0.50	0.28
	Bottom	0.33	0.59	0.54	0.33	0.64	0.54
NO ₂ -N (μg-at./ℓ)	0 m	0.09	0.10	0.01	0.05	0.19	0.06
	20 m	0.23	0.14	0.01	0.16	0.60	0.14
	50 m	—	0.15	0.25	—	0.76	0.27
	Bottom	0.41	0.42	0.05	0.56	0.29	0.32

Month		Oct.			Dec.		
Station		02	04	06	02	04	06
Date		12	17	17	8	8	8
Time		03:35	09:35	11:40	04:40	13:30	15:35
Bottom Depth		31	75	115	29	75	116
PO ₄ -P (μg-at./ℓ)	0 m	0.24	0.31	0.43	0.66	0.71	0.43
	20 m	0.29	0.36	0.54	0.61	0.64	0.54
	50 m	—	0.50	0.60	—	0.66	0.40
	Bottom	0.71	0.94	0.85	0.61	0.75	0.85
NO ₂ -N (μg-at./ℓ)	0 m	0.03	0.34	0.15	0.35	0.18	0.30
	20 m	0.02	0.12	0.12	0.62	0.22	0.38
	50 m	—	0.14	0.04	—	0.25	0.36
	Bottom	0.42	0.02	0.07	0.52	0.12	0.02

영 양 염 성 적 표
Nutrients Data, Line 203

Month		Feb.		Apr.	
Station		01	03	01	03
Date		14	14	9	9
Time		14 : 25	11 : 15	11 : 15	08 : 40
Bottom Depth		—	133	—	—
PO ₄ -P ($\mu\text{g-at./}\ell$)	0 m	0.40	0.47	0.32	0.31
	20 m	0.45	0.49	0.42	0.42
	50 m	0.57	—	0.42	0.45
	Bottom	—	0.40	—	—
NO ₂ -N ($\mu\text{g-at./}\ell$)	0 m	0.12	0.36	0.29	0.27
	20 m	0.20	0.12	0.33	0.46
	50 m	0.24	—	0.65	0.64
	Bottom	—	0.12	—	—

Month		June		Aug.	
Station		01	03	01	03
Date		14	14	21	21
Time		14 : 10	11 : 30	06 : 20	04 : 50
Bottom Depth		—	126	—	126
PO ₄ -P ($\mu\text{g-at./}\ell$)	0 m	0.05	0.02	0.07	0.07
	20 m	0.16	0.07	0.14	0.16
	50 m	0.38	0.24	0.49	0.78
	Bottom	—	0.38	—	0.63
NO ₂ -N ($\mu\text{g-at./}\ell$)	0 m	0.21	0.16	0.02	0.05
	20 m	0.18	0.09	0.06	0.10
	50 m	0.23	0.21	0.10	0.05
	Bottom	—	0.18	—	0.06

Month		Oct.		Dec.	
Station		01	03	01	03
Date		22	22	14	14
Time		09 : 00	06 : 50	08 : 00	05 : 45
Bottom Depth		—	124	—	121
PO ₄ -P ($\mu\text{g-at./}\ell$)	0 m	0.29	0.26	0.59	0.59
	20 m	0.43	0.26	0.57	0.66
	50 m	0.94	0.80	0.71	0.59
	Bottom	—	0.94	—	0.71
NO ₂ -N ($\mu\text{g-at./}\ell$)	0 m	0.17	0.06	0.33	0.35
	20 m	0.10	0.01	0.25	0.45
	50 m	0.08	0.03	0.41	0.30
	Bottom	—	0.07	—	0.15

영 양 염 성 적 표
Nutrients Data, Line 313

Month		Feb.				Apr.			
Station	Date	03	05	07	09	03	05	07	09
Time		14	14	14	13	9	9	9	8
Bottom	Depth	06:30	03:55	01:30	23:05	05:05	02:40	00:10	21:50
		90	76	86	67	—	—	—	—
PO ₄ -P (μ g-at./ ℓ)	0 m	0.47	0.59	0.49	0.63	0.26	0.38	0.40	0.42
	20 m	0.45	0.49	0.42	0.61	0.35	0.40	0.38	0.47
	50 m	0.47	0.38	0.40	0.52	0.35	0.42	0.33	0.40
	Bottom	0.45	0.58	0.59	0.57	—	—	—	—
NO ₂ -N (μ g-at./ ℓ)	0 m	0.10	—	0.02	0.78	0.25	0.23	0.52	0.32
	20 m	0.06	0.21	0.15	0.18	0.34	0.27	0.37	0.45
	50 m	0.11	0.10	0.06	0.14	0.45	0.32	0.31	0.33
	Bottom	0.18	—	0.14	0.19	—	—	—	—

Month		June				Aug.			
Station	Date	03	05	07	09	03	05	07	09
Time		14	14	14	13	21	21	20	20
Bottom	Depth	06:35	03:30	01:05	22:40	02:05	00:05	22:05	20:05
		100	76	75	75	90	75	75	74
PO ₄ -P (μ g-at./ ℓ)	0 m	0.09	0.02	0.05	0.05	0.07	0.12	0.05	0.03
	20 m	0.14	0.26	0.09	0.19	0.47	0.49	0.45	0.45
	50 m	0.35	0.38	0.44	0.45	0.78	0.51	0.73	0.68
	Bottom	0.57	0.59	0.49	0.45	0.78	0.68	0.66	0.61
NO ₂ -N (μ g-at./ ℓ)	0 m	0.16	0.05	0.01	0.02	0.02	0.10	—	0.01
	20 m	0.19	0.10	0.03	0.09	0.29	0.14	0.07	0.31
	50 m	0.21	0.16	0.12	0.42	0.12	0.10	0.12	0.06
	Bottom	0.24	0.16	0.21	0.28	0.10	0.10	0.09	0.12

Month		Oct.				Dec.			
Station	Date	03	05	07	09	03	05	07	09
Time		22	22	21	21	14	14	13	13
Bottom	Depth	03:30	01:05	23:00	21:00	02:20	00:20	22:10	20:00
		96	75	75	75	88	75	75	76
PO ₄ -P (μ g-at./ ℓ)	0 m	0.22	0.24	0.24	0.29	0.59	0.59	0.71	0.68
	20 m	0.31	0.26	0.38	0.50	0.61	0.66	0.75	0.64
	50 m	0.71	0.87	0.89	0.78	0.59	0.59	0.82	0.78
	Bottom	1.10	0.94	0.96	0.89	0.62	0.73	1.04	0.71
NO ₂ -N (μ g-at./ ℓ)	0 m	0.14	0.04	0.07	0.16	0.34	0.34	0.31	0.30
	20 m	0.13	0.14	0.08	0.31	0.36	0.42	0.32	0.27
	50 m	0.06	0.07	0.27	0.07	0.43	0.25	0.27	0.34
	Bottom	0.20	0.11	0.05	0.15	0.41	0.18	0.06	0.13

영 양 염 성 적 표
Nutrients Data, Line 314

Month		Feb.					Apr.				
Station		01	03	05	07	09	01	03	05	07	09
Date		9	9	9	13	13	5	6	6	8	8
Time		01:45	05:15	09:10	11:45	15:30	23:10	02:35	06:00	11:25	14:50
Bottom Depth		146	101	102	111	100	—	—	—	—	—
PO ₄ -P (μ g-at./ ℓ)	0 m	0.21	0.40	0.38	0.45	0.42	0.21	0.28	0.33	0.40	0.33
	20 m	0.26	0.42	0.35	0.40	0.33	0.21	0.26	0.31	0.35	0.40
	50 m	0.21	0.35	0.41	0.37	0.49	0.24	0.38	0.26	0.35	0.35
	Bottom	0.31	0.38	0.38	0.45	0.92	—	—	—	—	—
NO ₂ -N (μ g-at./ ℓ)	0 m	0.28	0.40	0.15	0.21	0.14	0.45	0.41	0.37	0.31	0.36
	20 m	0.40	0.50	0.16	0.20	0.09	0.51	0.33	0.40	0.23	0.20
	50 m	0.40	0.40	0.21	0.10	0.12	0.58	0.23	0.32	0.20	0.11
	Bottom	0.40	0.45	0.15	0.15	0.45	—	—	—	—	—

Month		June					Aug.				
Station		01	03	05	07	09	01	03	05	07	09
Date		11	12	12	13	13	18	19	19	20	20
Time		23:30	03:10	06:40	12:15	15:40	21:30	00:40	03:40	10:30	13:40
Bottom Depth		141	100	100	95	75	142	101	100	99	74
PO ₄ -P (μ g-at./ ℓ)	0 m	0.07	0.01	0.01	0.07	0.02	0.02	0.05	0.02	0.02	0.02
	20 m	0.09	0.14	0.12	0.09	0.09	0.05	0.02	0.05	0.09	0.09
	50 m	0.14	0.14	0.47	0.42	0.38	0.12	0.26	0.35	0.52	0.68
	Bottom	0.54	0.40	0.40	0.59	0.49	0.21	0.59	0.87	0.75	0.61
NO ₂ -N (μ g-at./ ℓ)	0 m	0.06	0.23	0.10	0.09	0.14	0.07	0.03	0.05	0.25	0.06
	20 m	0.07	0.06	0.23	0.07	0.07	0.03	0.06	0.06	—	0.02
	50 m	0.01	0.16	0.28	0.11	0.09	0.42	0.05	0.55	0.06	0.05
	Bottom	0.15	0.18	0.12	0.32	0.10	0.18	0.02	0.12	0.10	0.02

Month		Oct.					Dec.				
Station		01	03	05	07	09	01	03	05	07	09
Date		17	18	18	21	21	9	9	9	13	13
Time		22:10	01:30	04:30	11:25	14:30	01:50	05:05	08:10	10:30	13:35
Bottom Depth		149	99	99	100	75	137	100	—	100	75
PO ₄ -P (μ g-at./ ℓ)	0 m	0.24	0.33	0.24	0.26	0.66	0.43	0.50	0.47	0.43	0.66
	20 m	0.29	0.24	0.29	0.29	0.59	0.43	0.47	0.61	0.45	0.59
	50 m	0.31	0.78	0.64	0.80	0.61	0.45	0.47	0.52	0.52	0.61
	Bottom	1.11	0.86	0.89	1.00	0.57	0.71	0.47	—	1.15	0.57
NO ₂ -N (μ g-at./ ℓ)	0 m	0.10	0.01	0.01	0.11	0.08	0.18	0.37	0.28	0.30	0.42
	20 m	0.07	0.11	0.04	0.10	0.34	0.22	0.23	0.52	0.30	0.57
	50 m	0.05	0.10	0.14	0.16	0.12	0.22	0.32	0.43	0.33	0.62
	Bottom	0.06	0.22	0.22	0.05	0.13	—	0.27	—	0.07	0.63

영 양 염 성 적 표
Nutrients Data, Line 400

Month		Feb.					Apr.				
Station		12	14	16	25	27	12	14	16	25	27
Date		6	6	6	8	8	3	3	3	5	5
Time		20:00	14:15	10:02	18:15	14:28	19:40	14:20	10:10	15:55	12:30
Bottom Depth		99	—	46	99	125	—	—	—	—	—
PO ₄ -P (μ g-at./ ℓ)	0 m	0.33	0.45	0.54	0.35	0.33	0.26	0.31	0.24	0.21	0.33
	20 m	0.42	0.49	0.54	0.35	0.45	0.26	0.28	0.24	0.24	0.33
	50 m	0.45	0.57	—	0.35	0.40	0.28	0.31	0.31	0.28	0.38
	Bottom	0.35	—	0.59	0.40	0.57	—	—	—	—	—
NO ₂ -N (μ g-at./ ℓ)	0 m	0.37	0.51	0.74	0.45	0.28	0.33	0.58	0.23	0.38	0.36
	20 m	0.43	0.45	0.89	0.45	0.32	0.34	0.37	0.60	0.64	0.32
	50 m	0.40	0.54	—	0.45	0.21	0.46	0.84	0.24	0.50	0.51
	Bottom	0.25	—	0.87	0.51	0.25	—	—	—	—	—

Month		June					Aug.				
Station		12	14	16	25	27	12	14	16	25	27
Date		9	9	9	11	11	14	14	14	18	18
Time		19:05	13:45	09:25	15:40	12:20	17:55	12:50	09:00	15:20	12:20
Bottom Depth		101	76	45	100	125	100	74	—	—	124
PO ₄ -P (μ g-at./ ℓ)	0 m	0.02	0.12	0.14	0.09	0.07	0.02	0.05	0.12	0.02	0.02
	20 m	0.07	0.12	0.21	0.09	0.19	0.05	0.09	0.28	0.07	0.26
	50 m	0.31	0.45	—	0.47	0.35	0.38	0.61	0.80	0.35	0.31
	Bottom	0.54	0.45	0.54	0.57	0.47	0.82	0.78	—	—	0.59
NO ₂ -N (μ g-at./ ℓ)	0 m	0.02	0.09	0.15	0.01	0.01	0.02	0.01	0.14	0.11	0.05
	20 m	0.15	0.10	0.14	0.02	0.01	0.04	0.01	0.07	0.26	0.21
	50 m	0.14	0.21	—	0.07	0.47	0.07	0.12	0.24	0.10	0.40
	Bottom	0.10	0.25	1.04	0.02	0.05	0.11	0.05	—	—	0.02

Month		Oct.					Dec.				
Station		12	14	16	25	27	12	14	16	25	27
Date		11	11	11	17	17	—	7	7	8	8
Time		17:40	13:15	09:40	15:35	12:35	—	13:30	09:35	19:35	16:30
Bottom Depth		100	90	47	99	113	—	92	—	100	125
PO ₄ -P (μ g-at./ ℓ)	0 m	0.26	0.26	0.45	0.43	—	—	0.61	0.57	0.43	0.45
	20 m	0.29	0.36	0.33	0.31	0.54	—	0.54	0.68	0.31	0.45
	50 m	0.92	0.99	—	0.40	0.92	—	0.54	0.54	0.40	0.43
	Bottom	1.03	0.92	0.80	0.73	1.29	—	1.08	—	0.73	0.78
NO ₂ -N (μ g-at./ ℓ)	0 m	0.01	0.04	0.04	0.05	—	—	0.21	0.58	0.27	0.31
	20 m	0.36	0.03	0.04	0.04	0.03	—	0.31	0.61	0.18	0.35
	50 m	0.05	0.03	—	0.17	0.17	—	0.18	0.35	0.31	0.30
	Bottom	0.03	0.05	0.06	0.03	0.02	—	0.14	—	0.02	0.05

第五編

浮游生物調查成績

PART 5

PLANKTON DATA

1987

第五編

浮游生物調查成績

PART 5

PLANKTON DATA

1987

東海浮游生物調查成績

PLANKTON DATA : EASTERN WATERS

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부 유 생 물 조 성 표

Plankton Data, Line 107

Month	Mar.				Apr.			
Station	01	03	05	07	01	03	05	07
Date	12	12	12	28	19	19	20	20
Time	11:20	12:40	15:30	16:30	10:50	12:05	11:10	14:15
Col. depth(m) ***	100	100	100	100	100	100	100	100
Set. Volume(cc) **	4.0	1.2	6.0	0.7	10.5	2.0	11.0	1.5
Biomass(mg/m ³)	52.93	19.49	84.90	10.06	85.53	37.11	114.47	22.01
Copepoda *	1,712	832	7,072	184	3,152	996	4,064	1,175
Amphipoda *	122	26	464	15	67	32	145	31
Chaetognatha *	6	3	19	0	6	3	81	9
Euphausia *	1	1	1	0	4	0	2	0

Month	June				Aug.			
Station	01	03	05	07	01	03	05	07
Date	16	16	16	16	6	6	6	6
Time	08:00	09:35	12:55	16:50	09:00	10:15	13:05	16:05
Col. depth(m) ***	100	100	100	100	100	100	100	100
Set. Volume(cc) **	3.0	1.5	0.3	0.3	0.2	0.3	0.5	2.0
Biomass(mg/m ³)	37.74	10.06	1.89	1.26	3.14	6.92	5.03	13.84
Copepoda *	6,112	2,416	314	149	68	94	215	885
Amphipoda *	1	1	0	0	0	0	0	14
Chaetognatha *	3	0	7	12	4	1	4	9
Euphausia *	16	1	0	0	3	4	13	45

Month	Oct.				Dec.			
Station	01	03	05	07	01	03	05	07
Date	22	22	22	22	8	8	8	9
Time	09:50	11:20	14:00	17:05	16:55	19:10	22:40	03:05
Col. depth(m) ***	95	100	100	100	100	100	100	100
Set. Volume(cc) **	0.4	0.3	1.0	0.4	3.5	1.0	0.3	0.1
Biomass(mg/m ³)	5.03	3.77	11.95	3.77	44.65	8.24	5.72	2.58
Copepoda *	148	132	546	105	1,498	160	48	37
Amphipoda *	0	0	14	0	21	2	14	3
Chaetognatha *	26	3	4	0	9	4	2	2
Euphausia *	0	0	19	9	19	10	2	1

*** Col.: Collection

** Set.: Settling

* Total Individual NO.

부 유 생 물 조 성 표
Plankton Data, Line 106

Month	Mar.					Apr.				
Station	03	05	07	09	11	03	05	07	09	11
Date	16	28	28	28	29	21	21	21	20	20
Time	11:10	10:30	18:15	22:15	02:15	06:00	03:45	00:45	21:50	19:00
Col. depth(m) ***	100	100	100	100	100	100	100	100	100	100
Set. Volume(cc) **	4.0	1.4	3.0	2.0	2.0	—	—	—	—	—
Biomass(mg/m ³)	63.52	23.27	78.62	36.48	21.42	—	—	—	—	—
Copepoda *	4,216	224	426	108	324	—	—	—	—	—
Amphipoda *	206	24	81	7	11	—	—	—	—	—
Chaetognatha *	2	4	19	0	1	—	—	—	—	—
Euphausia *	0	0	1	2	1	—	—	—	—	—

Month	June					Aug.				
Station	03	05	07	09	11	03	05	07	09	11
Date	17	17	17	17	17	7	7	7	7	6
Time	14:00	11:35	07:50	03:55	00:00	08:50	06:05	03:15	00:05	21:00
Col. depth(m) ***	100	100	100	100	100	100	100	100	100	100
Set. Volume(cc) **	0.5	0.7	0.8	2.0	2.0	1.0	2.0	3.5	4.5	3.5
Biomass(mg/m ³)	3.15	5.03	9.43	26.42	22.01	9.43	20.76	34.57	42.14	75.47
Copepoda *	287	456	488	1,088	1,776	337	987	1,104	2,268	356
Amphipoda *	0	0	0	1	5	32	11	16	25	6
Chaetognatha *	0	23	6	29	28	6	9	25	45	8
Euphausia *	0	2	0	9	16	9	21	103	29	9

Month	Oct.					Dec.				
Station	03	05	07	09	11	03	05	07	09	11
Date	23	23	23	23	23	10	9	9	9	9
Time	09:40	11:55	15:00	18:05	21:05	01:00	21:55	17:50	13:50	10:00
Col. depth(m) ***	100	100	100	100	100	100	100	100	100	100
Set. Volume(cc) **	0.1	0.8	0.5	0.7	—	2.0	1.5	0.9	0.1	1.0
Biomass(mg/m ³)	3.14	5.03	5.03	6.29	—	17.61	11.57	8.43	2.39	11.82
Copepoda *	67	468	312	424	—	1,196	214	150	29	527
Amphipoda *	0	6	12	0	—	26	2	17	0	11
Chaetognatha *	1	12	6	21	—	17	12	1	0	4
Euphausia *	0	10	4	6	—	9	24	2	4	17

부 유 생 물 조 성 표
Plankton Data, Line 105

Month	Feb.					Apr.				
Station	03	05	07	09	11	03	05	07	09	11
Date	22	22	22	21	21	19	19	19	18	18
Time	05:05	03:50	01:05	21:55	19:00	07:00	05:15	02:10	23:00	20:00
Col. depth(m) ***	50	100	100	100	100	50	100	100	100	100
Set. Volume(cc) **	1.0	13.0	11.0	2.3	2.0	2.5	3.0	11.0	12.5	4.5
Biomass(mg/m ³)	25.16	168.55	144.03	41.51	32.08	56.60	44.03	126.42	145.91	67.30
Copepoda *	259	3,496	1,824	1,764	336	1,352	1,260	3,168	5,104	6,032
Amphipoda *	20	138	61	19	12	15	13	12	15	27
Chaetognatha *	1	10	3	2	0	6	4	13	5	6
Euphausia *	1	16	15	1	0	0	2	9	1	3

Month	June					Aug.				
Station	03	05	07	09	11	03	05	07	09	11
Date	16	16	15	15	15	10	10	10	10	11
Time	03:20	01:35	21:40	17:45	13:50	10:10	11:35	14:35	17:45	05:40
Col. depth(m) ***	50	100	100	100	100	48	100	100	100	100
Set. Volume(cc) **	3.0	4.0	3.5	3.5	2.2	0.1	0.8	1.0	2.5	0.7
Biomass(mg/m ³)	54.09	50.31	47.80	36.48	30.19	5.24	7.55	12.58	20.13	8.81
Copepoda *	1,832	3,024	2,848	4,416	3,696	51	298	258	616	263
Amphipoda *	10	16	8	0	0	0	2	0	1	9
Chaetognatha *	1	0	7	7	9	1	4	6	28	7
Euphausia *	37	172	84	88	2	1	7	7	23	12

Month	Oct.					Dec.				
Station	03	05	07	09	11	03	05	07	09	11
Date	24	24	24	24	23	10	12	12	12	12
Time	09:40	07:55	05:00	01:55	22:55	04:30	10:15	14:30	18:30	22:30
Col. depth(m) ***	48	100	100	100	100	50	100	100	100	100
Set. Volume(cc) **	—	—	—	—	—	0.5	1.2	0.8	0.3	0.8
Biomass(mg/m ³)	—	—	—	—	—	10.57	9.25	18.49	3.46	5.60
Copepoda *	—	—	—	—	—	321	192	131	133	454
Amphipoda *	—	—	—	—	—	27	18	12	0	7
Chaetognatha *	—	—	—	—	—	1	4	0	0	1
Euphausia *	—	—	—	—	—	1	11	16	7	3

부 유 생 물 조 성 표

Plankton Data. Line 104

Month	Feb.				Apr.			
Station	05	07	09	11	05	07	09	11
Date	21	21	21	21	9	18	18	18
Time	08:50	10:30	13:35	16:35	07:50	11:35	14:35	17:30
Col. depth(m) ***	100	100	100	100	100	100	100	100
Set. Volume(cc) **	1.2	2.0	0.5	2.2	3.0	1.0	1.0	1.0
Biomass(mg/m ³)	16.35	32.70	8.81	36.48	146.54	20.13	26.42	20.76
Copepoda *	282	832	121	1,342	5,984	543	1,856	1,724
Amphipoda *	25	18	7	9	31	15	1	0
Chaetognatha *	1	2	0	0	5	0	1	0
Euphausia *	0	0	0	1	6	1	0	3

Month	June				Aug.			
Station	05	07	09	11	05	07	09	11
Date	14	14	14	14	11	11	11	11
Time	06:20	09:15	13:05	17:00	16:40	14:10	11:05	08:10
Col. depth(m) ***	100	100	100	100	100	100	100	100
Set. Volume(cc) **	1.0	1.5	2.5	2.0	1.0	3.0	1.2	1.5
Biomass(mg/m ³)	5.66	23.90	25.79	23.90	10.06	19.50	10.06	17.61
Copepoda *	776	1,184	2,704	2,608	448	648	414	692
Amphipoda *	0	0	0	0	0	2	8	18
Chaetognatha *	1	5	5	0	44	46	23	36
Euphausia *	12	9	23	1	18	54	26	19

Month	Oct.				Dec.			
Station	05	07	09	11	05	07	09	11
Date	24	24	24	24	15	12	13	13
Time	13:20	15:55	19:05	20:40	10:55	10:25	06:00	02:00
Col. depth(m) ***	100	100	100	100	100	100	100	100
Set. Volume(cc) **	9.0	2.5	0.5	2.0	2.0	2.5	3.5	2.0
Biomass(mg/m ³)	99.06	20.50	5.66	15.72	18.49	21.51	43.90	17.04
Copepoda *	8,864	724	311	864	984	1,124	1,342	1,011
Amphipoda *	122	0	0	0	13	20	40	0
Chaetognatha *	44	40	11	29	4	19	12	3
Euphausia *	17	21	7	0	7	29	27	18

부 유 생 물 조 성 표

Plankton Data, Line 103

Month	Feb.				Apr.			
Station	05	07	09	11	05	07	09	11
Date	17	17	17	17	8	8	8	9
Time	11:40	08:50	04:55	00:50	13:35	16:25	20:45	01:00
Col. depth(m) ***	100	100	100	100	100	100	100	100
Set. Volume(cc) **	1.5	1.8	4.2	2.2	0.4	0.1	0.5	2.5
Biomass(mg/m ³)	13.84	16.98	74.84	33.96	6.67	7.99	4.28	62.33
Copepoda *	248	144	288	167	98	20	140	2,950
Amphipoda *	54	24	36	26	0	0	10	13
Chaetognatha *	3	8	1	3	0	0	4	0
Euphausia *	3	2	2	4	5	0	7	23

Month	June				Aug.			
Station	05	07	09	11	05	07	09	11
Date	13	13	13	13	19	19	19	18
Time	11:15	08:30	04:40	00:40	10:10	07:20	03:45	23:40
Col. depth(m) ***	100	100	100	100	100	100	100	100
Set. Volume(cc) **	2.6	1.4	0.8	1.9	4.5	2.3	3.2	5.2
Biomass(mg/m ³)	42.08	23.65	7.36	7.48	29.69	16.79	13.15	57.55
Copepoda *	2,088	1,360	1,040	1,480	562	96	218	264
Amphipoda *	9	1	0	2	0	0	5	3
Chaetognatha *	16	79	9	18	16	12	4	64
Euphausia *	24	9	3	16	38	103	15	2

Month	Oct.				Dec.			
Station	05	07	09	11	05	07	09	11
Date	10	10	10	10	18	18	18	19
Time	13:15	16:05	20:00	23:50	12:45	15:30	19:40	00:00
Col. depth(m) ***	100	100	100	100	100	100	100	100
Set. Volume(cc) **	1.5	3.5	3.0	3.5	1.0	0.4	0.8	2.5
Biomass(mg/m ³)	7.67	22.39	22.01	25.35	11.70	8.99	43.77	47.36
Copepoda *	170	276	300	282	240	125	136	480
Amphipoda *	4	5	5	18	0	2	0	19
Chaetognatha *	10	66	12	32	28	23	24	17
Euphausia *	5	4	4	7	0	0	8	6

부 유 생 물 조 성 표
Plankton Data, Line 102

Month	Feb.				Apr.			
Station	05	07	09	11	05	07	09	11
Date	16	16	16	17	9	9	9	9
Time	11:25	13:55	18:00	21:55	15:30	12:45	08:25	04:10
Col. depth(m) ***	100	100	100	100	100	100	100	100
Set. Volume(cc) **	0.7	1.2	0.5	4.0	0.3	0.1	0.6	2.0
Biomass(mg/m ³)	14.47	16.98	10.69	61.64	2.33	5.09	6.29	22.45
Copepoda *	147	384	42	349	80	50	290	540
Amphipoda *	0	0	1	9	0	0	0	8
Chaetognatha *	2	6	0	9	2	0	0	4
Euphausia *	15	12	1	14	0	0	0	6

Month	June				Aug.			
Station	05	07	09	11	05	07	09	11
Date	12	12	12	12	18	18	18	18
Time	11:25	15:50	17:50	21:40	10:05	12:25	17:00	20:35
Col. depth(m) ***	100	100	100	100	100	100	100	100
Set. Volume(cc) **	0.7	3.6	0.9	4.0	4.7	2.0	3.1	3.1
Biomass(mg/m ³)	22.08	45.54	11.13	49.31	96.60	30.88	26.42	18.87
Copepoda *	848	1,056	1,672	2,080	498	256	242	143
Amphipoda *	0	2	0	2	22	0	15	8
Chaetognatha *	18	80	35	94	92	71	57	5
Euphausia *	16	13	20	8	351	440	13	7

Month	Oct.				Dec.			
Station	05	07	09	11	05	07	09	11
Date	11	11	11	11	21	22	24	24
Time	13:10	10:40	06:45	02:50	12:10	10:30	15:25	19:35
Col. depth(m) ***	100	100	100	100	100	100	100	100
Set. Volume(cc) **	2.9	9.9	1.2	3.0	2.0	1.5	0.8	0.4
Biomass(mg/m ³)	28.36	75.22	10.94	27.61	33.40	40.75	25.72	17.23
Copepoda *	235	1,300	120	160	376	136	112	126
Amphipoda *	10	3	3	0	4	0	0	2
Chaetognatha *	23	52	13	42	12	15	18	6
Euphausia *	12	12	1	0	3	0	0	4

부 유 생 물 조 성 표

Plankton Data, Line 209

Month	Feb.				Apr.			
Station	05	07	09	11	05	07	09	11
Date	9	9	9	9	14	14	14	15
Time	17:40	14:50	10:00	06:20	14:00	17:00	20:50	02:00
Col. depth(m) ***	100	100	100	100	100	100	100	100
Set. Volume(cc) **	0.9	1.2	1.2	0.8	1.2	0.3	2.5	0.5
Biomass(mg/m ³)	8.81	6.92	12.58	6.92	16.54	5.41	54.40	10.00
Copepoda *	65	56	160	66	220	180	2,900	140
Amphipoda *	5	0	2	0	0	0	0	2
Chaetognatha *	2	2	10	2	0	0	0	0
Euphausia *	3	0	11	13	0	0	0	2

Month	June				Aug.			
Station	05	07	09	11	05	07	09	11
Date	11	11	11	11	14	14	14	14
Time	15:30	12:50	08:40	05:00	16:00	13:30	10:00	06:30
Col. depth(m) ***	100	100	100	100	100	100	100	100
Set. Volume(cc) **	2.4	2.5	2.5	6.2	0.9	2.1	4.6	4.1
Biomass(mg/m ³)	21.70	32.32	56.98	159.56	15.89	22.26	45.22	39.25
Copepoda *	1,368	4,296	4,326	768	118	128	320	247
Amphipoda *	1	0	0	5	3	0	0	0
Chaetognatha *	30	69	33	80	15	54	112	69
Euphausia *	66	3	34	25	13	8	27	30

Month	Oct.				Dec.			
Station	05	07	09	11	05	07	09	11
Date	21	22	22	22	27	27	26	26
Time	14:40	09:40	13:15	16:45	06:10	03:20	23:40	20:20
Col. depth(m) ***	100	100	100	100	100	100	100	100
Set. Volume(cc) **	4.9	4.1	2.1	3.0	0.5	1.5	0.4	1.2
Biomass(mg/m ³)	46.16	41.45	23.84	28.05	30.88	20.57	23.08	19.81
Copepoda *	575	892	604	177	86	364	194	264
Amphipoda *	18	11	3	2	0	11	3	10
Chaetognatha *	127	37	62	53	4	13	8	6
Euphausia *	5	4	2	3	0	3	2	12

부 유 생 물 조 성 표

Plankton Data, Line 208

Month	Feb.					Apr.				
Station	01	03	05	07	09	01	03	05	07	09
Date	8	8	8	8	9	15	15	15	15	15
Time	15:30	17:55	20:40	23:20	02:00	17:05	14:35	11:50	09:15	06:30
Col. depth(m) ***	70	100	100	100	100	70	100	100	100	100
Set. Volume(cc) **	0.9	2.1	2.0	1.8	2.1	0.8	1.8	1.0	1.0	0.8
Biomass(mg/m ³)	1.26	22.01	34.59	32.08	36.48	23.36	33.27	26.23	12.26	14.15
Copepoda *	150	319	216	306	390	450	390	300	240	180
Amphipoda *	0	6	0	0	1	0	46	0	0	0
Chaetognatha *	0	14	14	1	7	0	1	0	0	3
Euphausia *	5	1	11	10	0	2	16	0	0	0

Month	June					Aug.				
Station	01	03	05	07	09	01	03	05	07	09
Date	10	10	10	10	11	13	13	13	13	14
Time	15:00	17:00	19:40	22:15	00:45	06:10	08:30	21:20	23:50	02:20
Col. depth(m) ***	70	100	100	100	100	70	100	100	100	100
Set. Volume(cc) **	1.0	11.5	3.5	4.0	4.9	1.7	1.5	3.7	4.4	4.8
Biomass(mg/m ³)	20.84	42.52	33.08	64.65	44.97	32.88	23.90	29.94	62.33	24.59
Copepoda *	1,768	7,464	5,464	2,136	2,621	552	88	450	111	279
Amphipoda *	1	3	0	2	0	0	1	0	4	7
Chaetognatha *	5	99	71	22	36	40	74	72	35	29
Euphausia *	41	27	46	18	19	12	5	16	41	8

Month	Oct.					Dec.				
Station	01	03	05	07	09	01	03	05	07	09
Date	23	23	23	22	22	25	25	25	26	26
Time	06:35	04:20	01:50	23:20	20:50	05:00	07:15	11:10	13:45	16:05
Col. depth(m) ***	70	100	100	100	100	70	100	100	100	100
Set. Volume(cc) **	4.8	2.3	4.8	0.8	3.8	0.5	1.9	0.5	0.4	0.5
Biomass(mg/m ³)	79.25	28.81	39.25	10.19	26.79	14.29	24.34	9.37	13.02	13.02
Copepoda *	470	230	370	70	234	144	385	245	210	236
Amphipoda *	13	7	3	1	5	2	0	0	2	3
Chaetognatha *	62	27	55	34	20	10	6	8	1	6
Euphausia *	17	4	8	7	6	4	5	0	6	4

南海浮游生物調查成績

PLANKTON DATA : SOUTHERN WATERS

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부 유 생 물 조 성 표

Plankton Data, Line 207

Month	Feb.			Apr.		
Station	01	03	05	01	03	05
Date	8	8	8	15	15	16
Time	11:20	09:45	07:30	22:20	23:40	01:10
Col. depth(m) ***	84	100	100	84	100	100
Set. Volume(cc) **	2.0	1.6	1.2	0.9	0.6	5.5
Biomass(mg/m ³)	18.73	4.40	1.89	25.09	16.73	44.03
Copepoda *	1,620	108	75	300	420	1,500
Amphipoda *	0	0	0	1	0	13
Chaetognatha *	0	0	0	5	2	12
Euphausia *	0	0	0	13	1	31

Month	June			Aug.		
Station	01	03	05	01	03	05
Date	5	5	5	13	13	12
Time	16:00	17:30	19:05	03:05	01:30	23:40
Col. depth(m) ***	80	100	100	84	100	100
Set. Volume(cc) **	7.0	5.0	14.0	2.5	4.9	2.1
Biomass(mg/m ³)	146.46	61.64	210.06	22.77	41.64	23.58
Copepoda *	359	0	283	664	424	354
Amphipoda *	17	3	9	0	2	1
Chaetognatha *	7	6	18	23	121	78
Euphausia *	0	3	2	20	19	10

Month	Oct.			Dec.		
Station	01	03	05	01	03	05
Date	23	23	23	3	3	3
Time	10:00	11:30	12:50	17:00	18:25	19:35
Col. depth(m) ***	84	100	100	90	110	100
Set. Volume(cc) **	1.8	5.9	4.0	1.0	1.7	1.5
Biomass(mg/m ³)	24.12	64.59	28.62	22.80	20.01	37.11
Copepoda *	220	520	420	5	27	25
Amphipoda *	12	19	7	2	2	6
Chaetognatha *	45	79	37	0	0	1
Euphausia *	3	8	3	3	5	32

부 유 생 물 조 성 표
Plankton Data, Line 206

Month	Feb.			Apr.		
Station	01	03	05	01	03	05
Date	7	8	8	16	16	16
Time	21:10	00:15	03:00	10:10	08:00	05:30
Col. depth(m) ***	62	94	100	62	94	100
Set. Volume(cc) **	1.5	2.0	2.0	0.6	0.2	0.8
Biomass(mg/m ³)	16.23	15.40	20.76	16.43	2.34	19.94
Copepoda *	1,382	609	661	110	95	1,296
Amphipoda *	0	0	0	0	0	0
Chaetognatha *	2	14	25	1	0	0
Euphausia *	2	9	6	3	0	0

Month	June			Aug.		
Station	01	03	05	01	03	05
Date	6	6	6	12	12	12
Time	05:25	03:00	00:30	14:30	16:50	19:20
Col. depth(m) ***	50	90	100	62	94	100
Set. Volume(cc) **	2.4	4.8	4.2	0.8	—	4.2
Biomass(mg/m ³)	130.82	69.23	74.84	24.75	—	56.54
Copepoda *	35	162	323	386	—	608
Amphipoda *	5	1	9	0	—	10
Chaetognatha *	1	17	25	19	—	146
Euphausia *	7	9	0	21	—	29

Month	Oct.			Dec.		
Station	01	03	05	01	03	05
Date	23	23	23	4	4	4
Time	21:45	19:25	17:00	05:10	02:45	00:20
Col. depth(m) ***	62	94	100	60	90	100
Set. Volume(cc) **	2.1	2.0	3.1	1.5	3.2	4.0
Biomass(mg/m ³)	30.02	18.14	30.31	74.42	56.60	71.07
Copepoda *	130	160	290	12	61	22
Amphipoda *	6	3	17	0	0	1
Chaetognatha *	23	9	26	1	9	6
Euphausia *	5	4	7	1	17	46

부 유 생 물 조 성 표

Plankton Data, Line 205

Month	Feb.			Apr.		
Station	01	03	05	01	03	05
Date	7	7	6	4	4	3
Time	06:00	03:20	23:40	05:35	03:10	23:15
Col. depth(m) ***	50	80	100	40	80	100
Set. Volume(cc) **	1.6	0.5	1.3	3.0	7.0	2.7
Biomass(mg/m ³)	57.85	14.93	26.41	128.93	147.24	42.77
Copepoda *	394	1,600	4,240	1,568	3,684	1,788
Amphipoda *	0	0	0	0	4	3
Chaetognatha *	2	6	16	8	76	16
Euphausia *	0	0	0	16	12	0

Month	June			Aug.		
Station	01	03	05	01	03	05
Date	10	10	9	15	15	14
Time	04:20	02:15	22:45	02:40	00:30	21:10
Col. depth(m) ***	50	80	100	50	80	100
Set. Volume(cc) **	3.7	10.3	40.0	5.8	7.5	9.8
Biomass(mg/m ³)	14.15	102.36	397.42	186.11	116.32	57.22
Copepoda *	592	1,096	397	1,216	1,672	728
Amphipoda *	0	4	14	2	4	8
Chaetognatha *	0	12	5	56	88	56
Euphausia *	0	0	0	22	16	0

Month	Oct.			Dec.		
Station	01	03	05	01	03	05
Date	12	11	11	8	8	7
Time	01:30	23:40	20:45	02:50	01:00	21:45
Col. depth(m) ***	50	80	100	50	70	100
Set. Volume(cc) **	6.0	5.8	3.5	1.0	3.0	5.4
Biomass(mg/m ³)	152.16	109.25	49.04	44.03	56.60	125.16
Copepoda *	3,112	2,652	1,792	1,916	674	1,710
Amphipoda *	12	4	8	0	1	14
Chaetognatha *	116	84	60	92	32	122
Euphausia *	68	8	4	4	6	14

부 유 생 물 조 성 표
Plankton Data, Line 204

Month	Feb.			Apr.		
Station	02	04	06	02	04	06
Date	7	8	8	4	5	5
Time	08:00	09:50	12:30	07:45	09:00	11:35
Col. depth(m) ***	30	80	100	40	80	100
Set. Volume(cc) **	2.3	1.8	0.4	2.2	2.3	2.0
Biomass(mg/m ³)	60.78	16.50	3.77	80.19	37.80	33.33
Copepoda *	500	2,324	1,070	1,400	1,912	2,888
Amphipoda *	0	0	1	2	0	8
Chaetognatha *	16	16	10	2	30	26
Euphausia *	0	0	0	2	0	0

Month	June			Aug.		
Station	02	04	06	02	04	06
Date	10	11	11	15	18	18
Time	06:20	08:45	11:20	04:35	09:05	11:40
Col. depth(m) ***	30	80	100	30	80	100
Set. Volume(cc) **	1.0	1.8	2.0	—	—	3.0
Biomass(mg/m ³)	81.76	37.01	30.82	—	—	59.10
Copepoda *	1,056	92	1,146	538	590	1,832
Amphipoda *	0	0	0	0	4	48
Chaetognatha *	3	0	8	38	2	224
Euphausia *	0	0	0	2	0	8

Month	Oct.			Dec.		
Station	02	04	06	02	04	06
Date	12	17	17	8	8	8
Time	03:35	09:35	11:40	04:40	13:30	15:35
Col. depth(m) ***	35	80	100	35	80	100
Set. Volume(cc) **	4.1	4.0	3.0	—	2.0	4.0
Biomass(mg/m ³)	150.90	155.62	33.95	—	77.04	61.01
Copepoda *	1,060	2,592	2,044	—	931	2,406
Amphipoda *	8	12	28	—	4	12
Chaetognatha *	124	164	28	—	1	6
Euphausia *	8	0	14	—	0	0

부영유조생동물양조유성류표
Plankton Data, Line 203

Month	Feb.				Apr.			
Station	01		03		01		03	
Date	9 14 81		11 14 81		11 9		9	
Time	01:00 01:25		01:15 01:40		01:11:15		08:40	
Col. depth(m)***	00 50		00 100		00 50		00 100	
Set. Volume(cc)**	1.0 0.9		1.2 0.8		1.0 0.2		1.2 0.8	
Biomass(mg/m ³)	30.18		6.29		15.09		25.16	
Copepoda *	531		2,380		255		1,100	
Amphipoda *	0		0		0		0	
Chaetognatha *	1		36		3		34	
Euphausia *	0		4		0		0	

Month	June				Aug.			
Station	01		03		01		03	
Date	14 81		11 14 81		11 14		21	
Time	14:10		11:30		14:50		04:50	
Col. depth(m)***	50		100		50		80	
Set. Volume(cc)**	2.2		2.2		2.2		4.2	
Biomass(mg/m ³)	36.48		33.96		62.09		62.09	
Copepoda *	753		539		1,114		1,114	
Amphipoda *	3		13		0		0	
Chaetognatha *	3		0		0		0	
Euphausia *	0		0		0		0	

Month	Oct.				Dec.			
Station	01		03		01		03	
Date	22		22		14		14	
Time	09:00		06:50		08:00		05:45	
Col. depth(m)***	50		100		50		100	
Set. Volume(cc)**	6.0		8.5		7.4		1.2	
Biomass(mg/m ³)	140.84		142.73		275.47		11.32	
Copepoda *	1,880		1,576		1,822		4,296	
Amphipoda *	8		68		0		16	
Chaetognatha *	444		320		42		128	
Euphausia *	0		20		0		0	

부 유 생 물 조 성 표
Plankton Data. Line 313

Month	Feb.				Apr.			
Station	03	05	07	09	03	05	07	09
Date	14	14	14	13	9	9	9	8
Time	06:30	03:55	01:30	23:05	05:05	02:40	00:10	21:50
Col. depth(m) ***	90	90	80	80	90	90	80	80
Set. Volume(cc) **	1.9	2.0	0.2	1.8	2.4	2.4	2.0	2.0
Biomass(mg/m ³)	20.96	31.44	7.86	17.29	29.37	32.17	39.37	22.83
Copepoda *	1,420	496	1,000	738	1,124	1,310	832	428
Amphipoda *	0	0	0	0	0	0	0	0
Chaetognatha *	8	8	28	32	18	6	26	26
Euphausia *	0	4	8	12	3	24	10	6

Month	June				Aug.			
Station	03	05	07	09	03	05	07	09
Date	14	14	14	13	21	21	20	20
Time	06:35	03:30	01:05	22:40	02:05	00:05	22:05	20:05
Col. depth(m) ***	90	90	70	80	90	80	70	80
Set. Volume(cc) **	3.0	6.0	10.8	10.0	8.0	4.5	10.0	7.0
Biomass(mg/m ³)	24.27	116.78	221.62	148.82	117.37	78.60	205.69	188.63
Copepoda *	1,518	1,121	564	1,840	1,536	870	2,248	872
Amphipoda *	18	9	0	32	0	0	4	4
Chaetognatha *	10	5	0	16	84	18	56	56
Euphausia *	10	72	78	600	284	68	112	76

Month	Oct.				Dec.			
Station	03	05	07	09	03	05	07	09
Date	22	22	21	21	14	14	13	13
Time	03:30	01:50	23:00	21:00	02:20	00:20	22:10	20:10
Col. depth(m) ***	90	80	80	90	90	80	80	80
Set. Volume(cc) **	4.5	9.8	12.0	4.8	1.8	2.0	1.3	4.2
Biomass(mg/m ³)	84.53	131.25	150.12	83.83	27.95	26.73	28.30	66.82
Copepoda *	1,448	2,588	2,016	3,040	2,512	8,512	1,798	7,248
Amphipoda *	0	8	4	19	15	52	12	8
Chaetognatha *	336	424	504	264	80	92	78	336
Euphausia *	12	0	4	0	8	16	4	0

부 유 생 물 조 성 표
Plankton Data, Line 314

Month	Feb.					Apr.				
Station	01	03	05	07	09	01	03	05	07	09
Date	9	9	9	13	13	5	6	6	8	8
Time	01:45	05:15	09:10	11:45	15:30	23:10	02:35	06:00	11:25	14:50
Col. depth(m) ***	100	100	100	90	90	100	100	100	100	100
Set. Volume(cc) **	0.8	5.0	5.3	0.4	2.3	19.0	15.0	10.0	0.9	10.0
Biomass(mg/m ³)	23.89	49.67	51.56	6.99	23.75	545.91	855.97	147.17	15.72	98.11
Copepoda *	2,236	1,368	708	2,330	866	962	664	2,456	678	1,812
Amphipoda *	0	0	0	0	0	10	6	18	2	20
Chaetognatha *	20	20	4	10	4	16	4	54	8	60
Euphausia *	4	0	0	0	0	10	2	12	0	0

Month	June					Aug.				
Station	01	03	05	07	09	01	03	05	07	09
Date	11	12	12	13	13	18	19	19	20	20
Time	23:30	03:10	06:40	12:15	15:40	21:30	00:40	03:40	10:30	13:40
Col. depth(m) ***	100	100	100	90	80	100	100	100	100	80
Set. Volume(cc) **	10.0	25.0	7.8	5.2	7.7	10.0	6.2	1.3	3.8	2.0
Biomass(mg/m ³)	325.79	295.60	72.96	87.41	15.51	145.24	145.24	25.15	26.41	22.01
Copepoda *	1,088	1,312	800	7	328	1,078	2,004	434	1,960	556
Amphipoda *	16	28	4	1	16	2	6	0	8	4
Chaetognatha *	28	20	12	0	0	40	264	10	12	12
Euphausia *	0	4	0	0	4	0	42	4	4	0

Month	Oct.					Dec.				
Station	01	03	05	07	09	01	03	05	07	09
Date	17	18	18	21	—	9	9	9	13	13
Time	22:10	01:30	04:30	11:25	—	01:50	05:05	08:10	10:30	13:35
Col. depth(m) ***	100	100	100	100	—	100	100	100	100	90
Set. Volume(cc) **	4.5	9.8	0.8	34.0	—	2.4	6.0	2.8	4.0	0.4
Biomass(mg/m ³)	73.56	101.23	18.23	113.81	—	70.44	107.55	66.67	62.26	7.69
Copepoda *	2,156	1,180	562	5,132	—	1,322	1,534	1,600	1,143	3,756
Amphipoda *	12	0	8	107	—	8	20	12	3	28
Chaetognatha *	104	140	14	144	—	18	64	20	3	92
Euphausia *	0	12	0	4	—	0	2	6	0	0

부 유 생 물 조 성 표

Plankton Data, Line 400

Month	Feb.					Apr.				
Station	12	14	16	25	27	12	14	16	25	27
Date	6	6	6	8	8	3	3	3	5	5
Time	20:00	14:15	10:02	18:15	14:25	19:40	14:20	10:10	15:55	12:30
Col. depth(m) ***	100	80	40	100	100	100	80	50	100	100
Set. Volume(cc) **	0.8	0.5	0.7	2.8	1.2	1.5	1.8	4.0	10.0	2.4
Biomass(mg/m ³)	15.72	12.58	20.43	11.95	21.38	11.95	46.46	89.31	305.66	35.22
Copepoda *	2,456	1,750	700	2,016	4,320	1,166	2,260	3,152	1,796	1,436
Amphipoda *	0	0	2	0	8	1	0	0	4	1
Chaetognatha *	6	0	0	4	32	1	8	44	8	21
Euphausia *	0	0	0	0	0	0	0	0	0	0

Month	June					Aug.				
Station	12	14	16	25	27	12	14	17	25	27
Date	9	9	9	11	11	14	14	14	18	18
Time	19:05	13:45	09:25	15:40	12:20	17:55	12:50	09:00	15:20	12:20
Col. depth(m) ***	100	80	40	100	100	100	70	40	100	100
Set. Volume(cc) **	5.0	2.0	1.0	4.3	1.8	6.3	7.0	4.1	5.0	8.5
Biomass(mg/m ³)	207.55	35.43	29.87	41.51	22.64	80.48	218.47	128.90	66.65	176.05
Copepoda *	1,084	1,822	742	149	1,332	998	2,652	1,372	1,734	1,644
Amphipoda *	20	0	0	3	12	2	8	22	10	16
Chaetognatha *	16	0	1	6	16	90	128	68	78	164
Euphausia *	0	0	0	0	0	0	0	0	0	0

Month	Oct.					Dec.				
Station	12	14	16	25	27	12	14	16	25	27
Date	11	11	11	17	17	7	7	7	8	8
Time	17:40	13:15	09:40	15:35	12:35	18:30	13:30	09:35	19:35	16:30
Col. depth(m) ***	100	90	40	100	100	100	90	50	100	100
Set. Volume(cc) **	2.0	6.2	15.0	2.8	2.0	2.0	2.8	1.0	8.0	4.0
Biomass(mg/m ³)	33.32	128.55	223.21	50.93	26.41	33.33	40.53	38.99	177.99	74.21
Copepoda *	1,052	2,716	896	1,472	776	440	1,318	1,202	4,956	3,256
Amphipoda *	0	8	8	36	28	8	8	0	48	24
Chaetognatha *	52	228	548	132	36	60	12	64	148	96
Euphausia *	0	0	0	0	4	0	0	0	0	0

西海浮游生物調查成績

PLANKTON DATA : WESTERN WATERS

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부 유 생 물 조 성 표
Plankton Data, Line 307

Month	Feb.				Apr.			
Station	03	05	07	09	03	05	07	09
Date	20	21	21	21	27	27	27	28
Time	19:15	16:20	19:20	22:30	16:45	20:40	23:45	03:20
Col. depth(m) ***	37	50	50	60	38	50	60	65
Set. Volume(cc) **	2.8	7.1	3.2	3.4	3.8	9.2	7.8	5.3
Biomass(mg/m ³)	88.40	101.90	71.70	83.90	94.36	271.77	190.82	123.87
Copepoda *	220	378	510	1,250	1,960	3,650	2,870	2,400
Amphipoda *	0	0	3	1	4	4	2	10
Chaetognatha *	148	371	103	175	79	142	239	131
Euphausia *	0	2	22	3	0	2	2	2

Month	June				Aug.			
Station	03	05	07	09	03	05	07	09
Date	9	9	9	9	10	10	10	10
Time	12:55	16:30	19:50	23:20	08:25	12:00	15:25	18:40
Col. depth(m) ***	40	50	50	65	38	50	58	69
Set. Volume(cc) **	4.5	7.2	9.4	14.2	4.8	4.3	9.7	8.4
Biomass(mg/m ³)	108.5	261.7	439.1	372.6	150.6	51.6	161.6	137.7
Copepoda *	4,500	2,800	3,400	4,200	3,200	1,100	2,400	1,700
Amphipoda *	1	3	0	1	0	0	4	3
Chaetognatha *	2	1	11	5	722	552	954	930
Euphausia *	0	0	0	0	0	0	1	0

Month	Oct.				Dec.			
Station	03	05	07	09	03	05	07	09
Date	12	22	23	23	9	9	9	10
Time	13:20	22:30	01:50	05:25	13:10	18:45	21:35	00:45
Col. depth(m) ***	38	52	60	65	38	55	55	65
Set. Volume(cc) **	2.2	4.4	6.1	10.2	1.4	2.7	5.2	11.2
Biomass(mg/m ³)	79.46	76.22	144.68	174.20	67.9	43.5	124.7	229.4
Copepoda *	3,520	6,200	8,080	1,920	984	1,096	1,280	3,760
Amphipoda *	0	32	8	8	0	0	0	52
Chaetognatha *	456	576	1,144	658	96	238	456	1,564
Euphausia *	0	0	0	0	0	0	2	0

부 유 생 물 조 성 표
Plankton Data. Line 308

Month	Feb.					Apr.				
Station	01	03	05	07	09	01	03	05	07	09
Date	22	22	22	22	22	28	28	28	28	28
Time	18:10	15:40	12:40	09:40	06:20	23:20	20:20	17:10	14:00	10:45
Col. depth(m) ***	20	40	50	60	80	20	50	50	70	80
Set. Volume(cc) **	3.0	3.5	4.1	3.5	5.2	4.8	8.7	4.0	5.8	7.4
Biomass(mg/m ³)	69.2	88.1	123.3	50.3	119.5	381.61	303.22	123.30	87.18	88.86
Copepoda *	410	340	540	650	2,560	2,440	3,600	4,300	2,400	1,400
Amphipoda *	0	4	1	4	8	7	7	1	3	8
Chaetognatha *	133	250	226	262	312	49	169	2	38	281
Euphausia *	0	0	0	17	22	0	4	0	0	3

Month	June					Aug.				
Station	01	03	05	07	09	01	03	05	07	09
Date	10	10	10	10	10	11	11	11	11	11
Time	19:20	16:40	13:50	10:40	07:30	16:00	13:00	10:00	06:50	03:30
Col. depth(m) ***	20	50	50	60	80	20	49	50	65	75
Set. Volume(cc) **	5.0	5.4	6.2	10.2	13.1	2.0	4.8	7.9	8.5	8.0
Biomass(mg/m ³)	887.1	166.1	171.1	251.6	280.7	50.3	79.6	139.7	120.9	95.6
Copepoda *	240	2,300	2,100	2,900	4,300	450	3,800	3,500	4,500	2,200
Amphipoda *	0	0	0	0	0	0	0	2	3	0
Chaetognatha *	5	5	0	1	1	180	320	1,200	1,480	1,320
Euphausia *	0	0	0	0	1	0	0	0	0	0

Month	Oct.					Dec.				
Station	01	03	05	07	09	01	03	05	07	09
Date	24	23	23	23	23	12	12	12	15	15
Time	01:40	23:15	20:05	16:50	13:20	11:10	13:35	07:40	04:30	01:25
Col. depth(m) ***	23	49	52	65	80	20	35	52	67	80
Set. Volume(cc) **	4.3	9.2	8.1	9.8	6.3	1.7	0.8	2.4	5.5	3.7
Biomass(mg/m ³)	262.58	166.90	181.47	153.88	104.58	72.4	36.0	112.0	79.8	40.1
Copepoda *	4,840	4,080	3,000	1,720	2,160	250	500	836	1,140	1,600
Amphipoda *	6	1	9	35	91	21	2	2	19	8
Chaetognatha *	312	660	488	728	1,112	35	61	168	479	159
Euphausia *	0	0	0	0	0	0	0	0	2	0

부 유 생 물 조 성 표

Plankton Data. Line 309

Month	Mar.					Apr.				
Station	01	03	05	07	09	01	03	05	07	09
Date	3	3	3	3	3	29	29	29	29	29
Time	08:10	10:50	13:50	16:50	19:50	08:30	11:30	14:45	17:50	22:55
Col. depth(m) ***	30	50	60	60	80	25	50	70	60	75
Set. Volume(cc) **	3.2	3.4	3.4	4.8	3.6	10.2	13.0	5.0	12.0	5.7
Biomass(mg/m ³)	175.1	84.3	83.9	137.3	52.7	598.89	391.29	88.07	202.35	94.78
Copepoda *	740	1,240	2,400	1,650	1,040	3,800	8,600	2,950	1,730	4,600
Amphipoda *	1	3	23	15	24	12	4	1	21	3
Chaetognatha *	144	58	37	90	165	138	28	21	222	118
Euphausia *	17	0	1	24	16	2	0	0	31	2

Month	June					Aug.				
Station	01	02	05	07	09	01	03	05	07	09
Date	11	11	11	11	11	11	11	12	12	12
Time	06:40	09:40	12:30	15:40	18:55	19:30	22:50	02:00	05:30	09:00
Col. depth(m) ***	30	50	65	65	75	25	50	69	66	79
Set. Volume(cc) **	2.1	7.2	5.1	5.7	9.0	3.5	9.4	9.8	10.3	5.5
Biomass(mg/m ³)	81.8	464.3	153.9	105.5	159.4	264.2	181.2	106.7	154.4	43.0
Copepoda *	220	2,300	4,700	6,300	7,000	1,800	1,900	1,600	2,800	1,400
Amphipoda *	0	1	2	2	0	280	256	6	14	2
Chaetognatha *	20	18	1	7	86	720	1,140	1,170	1,348	850
Euphausia *	0	0	0	0	0	0	0	0	12	3

Month	Oct.					Dec.				
Station	01	03	05	07	09	01	03	05	07	09
Date	24	—	24	24	24	13	14	14	14	14
Time	09:00	—	15:30	18:45	21:55	09:50	10:00	12:50	15:45	18:45
Col. depth(m) ***	29	—	66	65	79	30	54	68	60	70
Set. Volume(cc) **	7.2	—	9.4	5.0	10.2	0.8	0.5	2.5	2.2	1.6
Biomass(mg/m ³)	201.78	—	154.42	96.78	144.13	16.8	24.5	39.8	30.4	13.5
Copepoda *	2,320	—	4,240	1,680	3,880	350	1,040	2,320	1,960	1,400
Amphipoda *	0	—	14	18	7	0	1	9	8	0
Chaetognatha *	192	—	536	600	456	29	52	184	180	67
Euphausia *	0	—	0	0	0	0	0	0	0	0

부 유 생 물 조 성 표

Plankton Data, Line 310

Month	Feb.				Apr.			
Station	03	05	07	09	03	05	07	09
Date	7	7	7	8	7	8	8	8
Time	17:30	20:30	23:45	02:50	21:30	00:30	03:35	06:40
Col. depth(m)***	20	60	70	80	20	60	70	80
Set. Volume(cc)**	0.3	2.3	2.5	2.8	0.2	1.5	1.9	3.0
Biomass(mg/m ³)	15.36	30.00	38.81	37.59	20.16	26.36	35.24	41.51
Copepoda *	120	210	425	342	38	258	720	644
Amphipoda *	0	2	3	0	0	0	0	0
Chaetognatha *	0	41	44	34	0	20	7	97
Euphausia *	0	13	3	9	0	5	2	0

Month	June				Aug.			
Station	03	05	07	09	03	05	07	09
Date	9	9	9	10	6	6	10	11
Time	17:35	20:35	23:40	02:45	17:20	20:20	21:30	00:45
Col. depth(m)***	20	60	70	80	20	60	70	80
Set. Volume(cc)**	1.1	13.0	17.2	6.2	0.4	2.9	0.1	0.2
Biomass(mg/m ³)	18.56	196.88	230.05	69.03	31.30	63.38	2.20	3.99
Copepoda *	720	3,816	4,496	1,720	150	986	26	24
Amphipoda *	0	1	4	1	0	6	0	0
Chaetognatha *	76	316	156	64	21	124	2	6
Euphausia *	0	3	88	52	0	0	0	1

Month	Oct.				Dec.			
Station	03	05	07	09	03	05	07	09
Date	10	11	11	11	8	8	8	8
Time	23:15	02:15	04:20	07:30	08:20	11:20	14:25	17:35
Col. depth(m)***	20	60	70	80	20	60	70	80
Set. Volume(cc)**	0.4	6.5	12.5	8.8	0.9	1.0	0.8	4.2
Biomass(mg/m ³)	31.51	182.33	200.13	110.66	60.83	21.44	15.71	50.20
Copepoda *	126	946	1,120	900	105	124	150	1,350
Amphipoda *	0	2	0	2	0	1	0	2
Chaetognatha *	16	124	167	37	22	49	13	116
Euphausia *	0	1	4	0	10	2	0	8

부 유 생 물 조 성 표

Plankton Data, Line 311

Month	Feb.			Apr.		
Station	05	07	09	05	07	09
Date	8	8	8	14	8	8
Time	17:55	14:05	10:50	11:50	17:30	15:25
Col. depth(m) ***	70	80	80	70	80	80
Set. Volume(cc) **	1.8	1.0	2.0	0.7	8.0	0.4
Biomass(mg/m ³)	27.98	16.76	25.31	26.50	117.60	9.27
Copepoda *	227	347	298	155	210	90
Amphipoda *	2	0	0	0	1	0
Chaetognatha *	55	28	71	52	192	13
Euphausia *	3	2	1	3	64	0

Month	June			Aug.		
Station	05	07	09	05	07	09
Date	10	10	10	11	11	11
Time	17:20	13:35	10:30	15:55	12:00	08:45
Col. depth(m) ***	70	80	80	70	80	80
Set. Volume(cc) **	4.5	16.4	4.2	1.2	16.5	2.7
Biomass(mg/m ³)	84.50	320.66	44.06	19.68	305.05	42.38
Copepoda *	196	896	1,876	749	1,552	522
Amphipoda *	0	0	0	0	120	0
Chaetognatha *	10	90	59	65	87	6
Euphausia *	3	18	2	0	149	2

Month	Oct.			Dec.		
Station	05	07	09	05	07	09
Date	11	11	11	9	9	9
Time	22:35	18:40	15:25	08:15	04:25	01:20
Col. depth(m) ***	70	80	80	70	80	80
Set. Volume(cc) **	4.1	11.5	0.8	0.2	0.8	1.0
Biomass(mg/m ³)	85.58	184.47	13.47	4.45	12.76	15.07
Copepoda *	420	1,382	66	52	110	142
Amphipoda *	1	0	0	0	0	0
Chaetognatha *	24	48	8	4	8	26
Euphausia *	8	70	0	0	1	1

부 유 생 물 조 성 표

Plankton Data, Line 312

Month	Feb.				Apr.			
Station	03	05	07	09	03	05	07	09
Date	9	9	9	9	15	15	15	15
Time	03:10	05:50	09:10	12:25	09:30	12:35	16:25	19:35
Col. depth(m) ***	60	80	80	80	60	80	80	80
Set. Volume(cc) **	1.0	1.0	4.0	2.0	1.9	3.9	3.8	0.8
Biomass(mg/m ³)	27.02	11.93	41.80	21.03	37.90	49.34	48.67	10.45
Copepoda *	98	86	260	77	324	697	772	370
Amphipoda *	1	1	1	0	2	0	1	0
Chaetognatha *	20	36	124	77	48	26	79	12
Euphausia *	0	1	14	0	0	12	18	2

Month	June				Aug.			
Station	03	05	07	09	03	05	07	09
Date	12	11	11	11	13	12	12	12
Time	00:35	21:30	17:50	14:45	00:20	21:05	17:10	13:55
Col. depth(m) ***	60	80	80	80	60	80	80	80
Set. Volume(cc) **	11.5	8.0	14.0	3.0	9.5	1.5	2.8	6.0
Biomass(mg/m ³)	274.63	185.64	241.91	22.43	178.56	18.86	24.94	89.84
Copepoda *	3,145	1,728	2,064	1,983	1,328	1,960	496	1,425
Amphipoda *	10	8	3	0	16	2	2	29
Chaetognatha *	40	57	35	127	77	30	79	58
Euphausia *	32	20	45	0	54	7	17	4

Month	Oct.				Dec.			
Station	03	05	07	09	03	05	07	09
Date	24	23	23	23	9	9	10	10
Time	01:25	22:15	18:20	15:10	17:30	20:35	00:25	03:30
Col. depth(m) ***	60	80	80	80	60	80	80	80
Set. Volume(cc) **	8.0	8.2	18.4	6.8	0.1	2.0	2.1	2.3
Biomass(mg/m ³)	162.22	136.37	239.72	82.81	3.18	30.48	31.93	36.38
Copepoda *	1,240	1,335	2,350	1,078	64	386	1,082	962
Amphipoda *	0	2	31	10	0	0	4	2
Chaetognatha *	114	41	205	107	0	11	16	39
Euphausia *	1	0	0	0	0	1	2	2

해 양 조 사 연 보 (제 36 권)

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1988 년 12 월 일 발 행

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